



JAIPUR ENGINEERING COLLEGE  
AND RESEARCH CENTRE

# **Handbook of Rules & Regulations JECRC Jaipur**

Jaipur Engineering College and Research Centre  
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Handbook of  
Rules & Regulations  
JECRC Jaipur

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# Chapter-1

## Introduction Preamble:

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**T**he courses under Jaipur Engineering College & Research Centre, Jaipur (JECRC) are recognized by the AICTE. The JECRC, Jaipur is affiliated to University of Rajasthan, Jaipur. Being the affiliated institutions the conditions of services of these institutions are normally governed by the rules framed in this respect by the AICTE/Rajasthan University / State Government. Additionally, for academic staff the College will also be guided by the relevant rules of the AICTE. Taking this in view, the Jaipur Engineering College & Research Centre, Jaipur has framed a document, which gives a brief idea of the conditions of service and the benefits attached to the employment etc. Further, the information given in this booklet may be subject to revision from time to time. In addition to the conditions of service, the institutes have made certain procedural guidelines to make the administration more smooth and transparent. These are also included here in this document.

1.1 The service conditions shall be applicable to all employees of the Jaipur Engineering College & Research Centre, Jaipur (JECRC). They may be supplemented or amended from time to time based on AICTE/ Affiliating University/ State Government rules. However, the management shall have the right to relax any of the rules.

1.2 For any other matters or details relevant to the service conditions of the employees, not specifically covered here, the College shall be guided by the rules, norms and procedures as prescribed by the Rajasthan Government /AICTE/ Rajasthan University from time to time.

### 1.3 Definitions:

- (a) "Chairman" means the Chairman of the Executive Council
- (b) "College," means the Jaipur Engineering College & Research Centre, Jaipur / any other

- college under the domain of Governing Council.
- (c) "Executive Council," means the Executive Body of the college
- (d) "Funds," means the Funds of the College
- (e) "Governing Council," means the Governing Body of the college
- (f) "President," means the President of the Governing Council
- (g) "Principal," means the Principal of the Jaipur Engineering College & Research Centre, Jaipur
- (h) "Secretary," means the Secretary of the Governing Council
- (i) "Society," means the National Society for Engineering Research and Development, Jaipur
- U) "Financial Year: · means the year commencing from 1<sup>st</sup> April and closing on 31<sup>st</sup> March of the next calendar year.
- (k) "University," means the affiliating University
- (l) Academic Year means period of academic activity from 1st July to 30th June of the next year.
- (m) "Faculty" means a teaching staff of the College
- (n) "Employee" means anybody who has been employed by the College either as 'faculty' or on any post covered under 'other staff'
- (o) "University" means Affiliating University
- (p) "Regular Employee" means the faculty or other staff appointed in the prescribed scales of the post either on probation or confirmed one.
- (q) Ad-hoc employee means appointed on ad-hoc basis for specific period either in the scale or with consolidated salary with specific conditions as shown in the appointment order.

**NOTE:** For teaching positions, the eligibility will be as per AICTE & the affiliating University norms.

## Chapter-2

# Appointments and its Terms and Conditions

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### Faculty Staff

2.1 There are various categories of employees at the College. Their salary scales are given separately in this document. Normally, regular appointments particularly as faculty will be made by direct selection by inviting applications through public advertisement. The required qualifications for faculty staff are generally as prescribed by the AICTE.

2.2 The regular employees of the institute will be eligible to the Dearness Allowance and other allowances as sanctioned by the BOG of the College from time to time.

2.3 The paramount consideration in the appointment or promotion of an employee shall be guided by the desired standards of efficiency, competence and integrity.

2.4 Selection and compensation of employees shall be made without distinction as to race, sex, or religion and the same shall be made on competitive basis.

Terms and conditions of appointment

The appointments shall be made subject to the following terms:

2.5 (a) the terms of appointment provide for termination by a notice on either side of one month. If anyone desires to be relieved prior to the completion of the notice period, he/she will be required to pay to the College an amount equal to his / her salary and allowances for the deficient notice period. However, the management will have the right to waive the notice period.

(b) Unless waived in part or in full by the appointing authority, there will be a probationary period for three months. At the end of the probationary period, it may be extended by the appointing authority for a period up to one year. The services of an employee on probation can be terminated

without notice and without assigning any reason.

(c) The age of superannuation will be 70 years for the faculty and 62 years for other staff unless extended by the competent authority.

Other service conditions will generally agree with the norms and executive instructions of the AICTE / Affiliating University / Rajasthan Government and as amended by the College from time to time.

2.6 An employee shall not without the previous written permission of the Managing Trustee in the case of Director / Principal and in case of teaching and other staff of the Director / Principal respectively be engaged directly or indirectly in any trade, business or occupation or any other remunerative or non-remunerative work.

2.7 Besides appointments in regular scale, the appointments of the faculty and staff may be made on fixed terms on ad-hoc or contract basis. These appointments will carry a consolidated salary or salary in the scale. Fixed term appointees are eligible for vacation and it is admissible to one who has completed minimum service of one semester. In case a fixed term appointment gets converted into a regular appointment for various terminal purposes, the continuity of service will be reckoned from the date of commencement of the term of appointment.

2.8 Pay Scales:

(i) Normally, the pay scales of the faculty will be as per the recommendations of AICTE and as approved by the state Government.

(a) The existing structure of the scales are as under -

S.No.	Category	Pay scales
1	Lecturer	8000-275-13500
2	Senior Lecturer	10000-325-15200
3	Assistant Professor	12000-420-18300
4	Professor	16400-450-20900-500-22400

2.9 Annual increment will fall due on completion of one year of continuous service.

2.10 Incentives for Higher Qualifications - At the time of recruitment as Lecturers, advance increments may be admissible to those who hold higher degrees asunder:

(a) Twf will be eligible for two increments as and when he /she acquire a Ph.D. Degree in his/ her service career.

2.11 Career Advancement for faculty the promotions under Career Advancement. Scheme will be as per the guidelines given below. All the promotions in career advancement will be "institute" basis and therefore the work allocation (teaching load, etc.) may remain the same after promotion and additional responsibilities may also be assigned.

**© Professor:**

In addition to the sanctioned position of Professors, which must be filled in through direct recruitment through all India advertisements, promotions maybe made from the post of Assistant Professor after 10 years of service as Assistant Professor. The selection committee for promotion to the post of Professor will be the same as that for direct recruitment.

Some of the desirable activities of candidates for the post of Professors will be as follows -

(a) Research contribution: books, articles, research papers etc. published (At least four papers in journals required) The best three written contributions of the papers (as defined by her/him) may be sent in advance to the experts to review before coming for the selection. The candidate should •be asked to submit these in 3 sets with the applications.

(b) Seminars/ conferences attended: must have attended at least 4seminars/conferences at national or international level or must have attended summer I winter schools (short-term course) of total duration of 4 weeks.

(c) Significant contribution to teaching I academic environment I project supervision I sponsored projects I institutional corporate life etc.

(d) Adequate extension and field outreach activities

(e) Development of course material I monograph

(f) Participation in continuing education programmes

(g) Other academic and administrative contributions

2.12 Career Advancement for Faculty

(a) Provides for movement of:

(i) Lecturer to Senior Lecturer (Senior Scale)

(ii) Senior Lecturer to Assistant Professor

(b) Calls for promotion under Career Advancement Scheme: The candidate must have consistently satisfactory performance

**Non Faculty**

2.13 Pay Scales - qualifications of other staff:

(i) The other staff there will be of two categories viz.

(a) Technical staff

(b) Administrative I ministerial staff.

(ii) The pay scales and qualifications for different technical posts will be on par with AICTE/State Government University Rules.

(iii) Similarly, for administrative staff, the same will be on par with university/government rules.

Minimum length of service for eligibility to move into the grade of Senior Lecturer would be four years for those with Ph.D., five years for those with M.Phil, M.Tech and six years for others at the level of lecturer. For eligibility to move into the Grade of Assistant Professor, the minimum length of service as Senior Lecturer shall be five years.

For movement into grades of Assistant Professor and above, the minimum eligibility criterion would be Ph.D. Those without Ph.D. can go up to the level of Senior Lecturer.

An Assistant Professor with a minimum of ten years of service in that grade will be eligible to be considered for appointment as a Professor. The selection committees for Career Advancement shall be same as those for direct recruitment for each category.

The requirement of consistently satisfactory performance appraisal reports shall be the mandatory requirement for Career Advancement from Lecturer to Senior Lecturer and from Senior Lecturer to Assistant Professor.

(A) Senior Lecturer:

A lecturer will be eligible for placement in a senior scale through a procedure of selection, if she/ he has:

(i) Completed 5 years of continues service at the College. However, relaxation of one year and two years respectively will be given to those with M.Phil, M.E. / M.Tech .and Ph.D.

(ii) Organization of short term course/conference or research publications will be considered an additional qualification.

(iii) Consistently shown satisfactory performance.

(B) Assistant Professor:

A senior lecturer will be eligible for promotion to the post of Assistant Professor if she/ he has:

(i) Completed 5 years of service in the senior scale

(ii) Obtained a Ph.D. degree or has equivalent published work.

(iii) Made some mark in the areas of research, quality of publications, contribution to education innovation, design of new courses and curricula and extension activities.

(iv) Organization of short term course/conference or research publications will be considered an additional qualification.

(v) Shows consistently good performance.

Promotion to the post of Assistant Professor will be through a process of selection by a selection committee.

### **Selection Procedure**

All the vacancies of faculty staff and other staff will be advertised in prominent newspapers. The selection will be done on competitive merit which shall be judged by a duly constituted selection committee.

#### **NOTE**

The staff members of the College deputed for any training program /conferences/seminar/workshop etc. has to serve the institute at least for one year after completion of training. In case he /she resigns from the post before completion of the one year, the recovery of the salary & other expenses paid to him / her for training /deputation period would be made.

## Chapter-3

# Holidays, Leave and Vacations

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### 3.1 Holidays

The College will observe public holidays in a calendar year as fixed by the competent authority. This will be announced at the end of the previous year.

### 3.2 Vacations

3.2.1 Faculty Staff are entitled to 45 days' vacation in a year provided they have joined the College on or before the 1st of July. The entitlement will be worked on pro-rata basis for faculty staff joining by end of October. A faculty staff joining after October will not be entitled to any vacation during the current academic year.

3.2.2. Total vacation may be broken up in parts like (1) a week around Deepawali, (2) a week in winter and (3) the remaining in summer.

3.2.3. For non teaching staff, the vacation entitlement in a full year is 30 days. This also may be broken up in three parts like (1) a week around Deepawali, (2) a week in winter and (3) the remaining in Summer.

### 3.3. Leave

3.3.1 No holidays or leave shall be claimed as a matter of right by an employee except such holidays or leave as are enforceable by law.

3.3.2 Sundays will be normally treated as holidays.

3.3.3 List of possible holidays will be announced in the beginning of the calendar year. However, at times a holiday / Sunday may be declared as a working day on need basis.

### 3.4. Casual Leave

3.4.1 A faculty staff shall normally be entitled to 15 days casual leave in a year on accrual basis. The accounting period is from 1st of July to 30th of June next year.

3.4.2 A non-faculty staff shall normally be entitled to 12 days casual leave in a year on accrual basis. The accounting period is from 1st of July to 30th of June next year.

3.4.3 An employee can normally avail of 1 day's casual leave in a month during the probation period provided that he has at least 20 days of uninterrupted duty record at the college.

3.4.4 Sundays and holidays can be prefixed or suffixed with casual leave after a written request has been made to this effect.

3.4.5 Casual leave shall be permitted on recommendation of the incharge (HOD) keeping in view the interests of the College/Department/ Section as the case maybe.

### 3.5 Medical Leave

3.5.1 Employees unable to carry out their regular duties due to continuous ill health (for more than 3 months) will not be permitted to continue in service.

3.5.2 Maternity leave shall be admissible to a female employee of this college for a maximum period of 60 days with the following provisions -

3.5.2.1 She is a regular employee and has served the College continuously for not less than three years.

3.5.2.2 The employee will be eligible for full pay during the leave period.

3.5.2.3 The employee shall be given 50% of the total emoluments every month during the period of her absence subject to production of maternity certificate and the balance 50% shall be provided to her in six equal monthly installments after resuming duties.

3.5.2.4 The employee under special

circumstances arising out of medical complications may be permitted leave without pay for the required period.

### **3.6 Leave other than specified leave**

3.6.1 Any employee absenting from duty without proper permission for 6 days will lose the benefit of salary on the following or intervening Sunday and any Holiday in continuity. Hershel shall be liable to be dismissed from service if his/her absence from duty persists for 15 days in this manner.

3.6.2 Any employee who has been dismissed from service earlier but has been given employment again shall be treated as a new employee and the benefits of the earlier period of service shall

automatically lapse.

### **3.7 Academic leave / duty leave**

3.7.1 An employee going for attending the work entrusted by the College or for participating in a Conference etc shall be treated as on duty, provided the participation in the Conference has been approved by the College and they produce a certificate of participation on return. Some faculty staff may also be provided TA& DA and the registration if any may also be depending upon the length of the service of the employee.

3.7.2 An employee going out of station on duty in connection with College work shall be suitably compensated for his outstation travel and stay.

## Chapter-4

# Provident Fund Gratuity

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### 4.1 Provident Fund

Every employee of the College shall be entitled for the benefit of Contributory Provident Fund. Some of the important salient features of the scheme are identical to EPF rules.

### 4.2 Employees State Insurance Scheme

Employee of the College shall be entitled for the benefit of Employees State Insurance Scheme (ESI) as per the Central Government rules.

### 4.3 Gratuity

The employers of the College will also be eligible for gratuity as per provision of act.

The main components of this benefit are as under:

(1) Gratuity shall be payable to an employee on the termination of his/her employment after he/she has rendered continuous service for not less than five years.

(a) on his/her superannuation or

(b) on his/her retirement or

(c) on his/her death or disablement due to accident or illness

Provided that the completion of continuous service of five years shall not be necessary where termination of the employment of any employee is due to death or disablement.

Provided further that in the case of death of the employee, gratuity payable to him/her shall be paid to his/her nominee, if no nomination has been made, to his/her heirs, and where any such nominees or heirs is a minor, the share of such minor shall be deposited with the controlling authority who shall invest the same for the benefit of such minor in such bank or other financial institution, as may be prescribed, until such minor attains majority.

## Chapter-5 Testing and Consultancy Rules

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**T**he College staff shall be encouraged to take a consultancy and testing jobs from industry and others R&D agencies on payment basis. They will be permitted to use the infrastructure of the College. The consultancy / testing fee will be apportioned between the consultants and others who make a contribute to it and also to the College.

1) Remuneration to Regular Faculty & Staff:

(a) Testing:

The distribution of total income between the College and the employees will 30:70.

The 70% staff distribution is as under as per the institution Rules:

1	The faculty staff	65%
2	Lab Technician	65%
3	Lab Attendants	65%
4	Office Staff / Administration staff involved & Dept. Clerk	5%

(b) Consultancy:

The distribution of total income between the College and the employees will 30 :70but after deducting all expenses.

30%	will be retained by the College After deducting all expenses
70%	distributed amongst the concerned staff

## Chapter-6 Incentive Rules

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Incentive rules have been classified into two categories. These are

- (i) Performance based and
- (ii) Time based

### 6.1 Based on Performance Appraisal

Period of Stay	Performance Appraisal Rating	Proposed Incentive
After Probation	Excellent	+ one increment/DA increase/BOTH
After 2 yrs	Very Good/Excellent	+ one increment/DA increase/BOTH Conf Participation on duty leave + Registration
After 3 yrs	Very Good/Excellent	+ HRA / DA Increase / BOTH Excellent + Conf Participation on duty leave + Registration Fee + Basic Travel (city to city) + B&L + Book allowance (Rs 1000 per year) + Professional Society membership (90%) + Promotional Opportunity
After 4 yrs	Excellent	As above + Conveyance Allowance (Personal Vehicle) + Medical Allowance   Group Medical Scheme
After 5 yrs	Excellent	As above + Phone Allowance + Lap Top subsidy (80%) + Contribution to EMI for Car/Housing Loan + LTC + Education Allowance + Gratuity

## Promotional Opportunities

- (a) Lecturer to Sr. Lecturer
- (b) Sr. Lecturer to Assistant Professor
- (c) Assistant Professor to Professor

## Guidelines

- (a) Eligibility to be as per AICTE recommendation
- (b) Lecturer to Sr. Lecturer promotion on informal appraisal
- (c) Sr. Lecturer to Assistant Professor: Through a formal internal appraisal
- (d) Assistant Professor to Professor: Open Competition

## Appraisal -

- (a) Academically Sound
- (b) Quality of Teaching (Lectures, Tutorials, Labs)
- (c) Laboratory Development
- (d) R&D
- (e) Books and Manuals
- (f) Participation in other activities like (i) Placement, (ii) Student Development, (iii) Examination work, (iv) Co-curricular and ECA, (v) Contribution to College/Industry interaction (vi) College administration...

## 6.2 Time Based

### a. Faculty v Staff

S.No	Items	Remarks
1.	Additional Increment	One additional increment in the III year if there has been no promotion / change of Designation / salary revision etc.
2.	Promotion	A faculty staff joining as a lecturer will be promoted to the post of a Sr. Lecturer in the sixth year if there has been no promotion / change of designation / salary revision etc. Similarly, a staff member joining as a Sr. lecturer will be promoted as an Assistant Professor if there has been no promotion / change of designation / salary revision etc.
3.	Conveyance	From third year: Conveyance allowance @250/- per month for staff (with salary upto Rs. 20000/- pm) and Rs. 500/- per month (for staff with salary above 20000/-only)
4.	Internet(Staff members have to ask for it)	From third year: Staff members having internet at residence in their own name can claim minimum BSNL rental
5.	Conference	a. Duty leave will be admissible b. After one year: registration fee will be reimbursed. c. After two years: all above and city to city travel cost will be reimbursed. d. After three years: All above and subsidy towards boarding & lodging.
6.	HRA	To be paid@ 7.5% of basic pay from IV year
7	Book allowance (Staff members have to ask for it)	From third year: Cost of relevant books purchased by faculty to be reimbursed upto Rs. 1000/- PA

8.	Education Allowance (Staff members have to ask for it)	From sixth year: 50% of tuition fee for two children. This is restricted to Rs. 500/- per month per child. This further subject to the spouse not claiming this allowance from other organization
9	Medicclaim	Efforts are being made to cover all the staff Through Medicclaim policy applicable from third year onwards

b. Other Staff (Other than faculty staff)

S.No.	Items	Remarks
1	Additional Increment	One additional increment in the III year if there has been no promotion / change of designation/ salary revision etc.
2.	Promotion	Promotion A staff will be promoted to the next higher post in the sixth year provided there has been no promotion I change of designation / salary revision etc. If next higher post is not existing, suitable increments may be given
3.	Conveyance	From third year: Conveyance allowance@ 250/ - per month for staff (with salary upto Rs. 20000/- pm) and Rs. 500/- per month (for staff with salary above20000/-pm)
4.	Conference / Short	a. Duty leave will be admissible course etc. b. After one year: registration n fee will be reimbursed. c. After two years: all above and city to city travel cost will be reimburse. d. After three years: All above and subsidy towards boarding &lodging.
5.	HRA	To be paid @ 7 .5% of basic pay from IV year
6.	Education Allowance	From sixth year: 50% of tuition fee for two children. This is restricted to Rs .500/ - per month per child. This further subject to the spouse not claiming this Allowance from other organization.
7.	Medicclaim	Efforts are being made to cover all the staff through Medicclaim policy applicable from third year onwards.

## Chapter-7

# Assessment

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### 7.1 Performance Appraisal of Faculty:

The performance of faculty appointed on regular basis will be assessed at two stages viz (a) During Probation and (b) Confirmation.

#### **(a) During Probation:**

The faculty staff will be required to submit his/her self performance appraisal one week advance of probation. The HOD will give his own observations as Reporting Officer and the Director or the Principal will review the document.

Depending upon the assessment of the staff, the staff member may be confirmed in his/her position or probation may be extended if necessary. The faculty staff will be informed of the deficiencies when the probation period is extended.

During the period of extension of the probation, the HOD will continuously the working of the

concerned staff member and will suggest ways to improve the performance.

#### **(b) Evaluation after Confirmation:**

Even after confirmation, the performance of the faculty shall continuously be monitored on the same lines as in self assessment form. This report will be considered for the benefit to be awarded under career advancement scheme upward promotion even by direct selection and for other incentives.

#### **7.2 Evaluation of other Staff:**

On the similar lines as for faculty, the evaluation of the other staff also will be done. However, the proforma of such evaluation will be different depending upon the nature of the post.

## Chapter-8

# Conduct Rules

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### 8.1 Code of conduct

- (a) Every employee shall, at all times, maintain absolute integrity and devotion to duty, and also be honest and impartial in his/her official dealings.
  - (b) An employee shall, at all times, be courteous in his/her dealings with other members of the staff, students and members of the public.
  - (c) Unless otherwise stated specifically in the terms of appointment, every employee is a full time employee of the institute. He/ She may be called upon to perform such duties, as may be assigned to him/her by the competent authority beyond scheduled working hours and on holidays and Sundays. These duties shall, inter-alia, include attendance at meetings of committees to which he/she may be appointed by the College or any of its authorities.
  - (d) An employee shall observe the scheduled hours of work during which he/she must be present at the place of his/ her duty.
  - (e) Except for valid reasons and/or unforeseen contingencies, no employee shall be absent from duty without prior permission.
- 8.2 No employee shall, in any radio broadcast or in any document published anonymously or in his/her own name or any other person or in any communication to the press or in any public utterance, make any statement of fact or opinion which has the effect of an adverse criticism of the College.
- 8.3 No employee shall pass any confidential information of the College to any unauthorized person or agency.
- 8.4 No employee of the institute shall, engage, directly or indirectly, in any trade or business or any private tuition or undertake any employment outside his/her official assignments.

- 8.5 An employee who gets involved in some criminal proceedings shall immediately inform the competent authority through the Head of the Department to which he /she is attached, irrespective of the fact whether he/she has been released on bail or not. An employee who is detained in police custody, whether on criminal charge or otherwise, for a period longer than forty eight hours shall not join his/her duties in the College unless he/she has obtained written permission to that effect from the competent authority.
- 8.6 No employee shall, except with the previous sanction of the competent authority, have recourse to any Court of Law or to the press for the indication of any official act which has been the subject matter of adverse criticism or an act of defamatory character. Provided nothing in this rule shall be deemed to prohibit an employee from vindicating his/her private character or any act done by him/her in his/her private capacity.
- 8.7 (a) Whenever an employee wishes to put forth any claim, or seeks redressal of any grievance or of any wrong done to him/her, he/she must forward his / her case through proper channel, and shall not forward advance copies of his/her application to any higher authority, unless the lower authority has rejected the claim, or refused relief or the disposal of the matter is unduly delayed.
- (b) No employee shall be signatory to any joint representation addressed to the authorities for redressal of any grievance or of any other matter.
- 8.8 An employee shall, regarding imposition of penalties for breach of any of these rules and regarding preference of appeals against any action taken against him /her, be governed by the rules made in this behalf from time to time by the competent authority.

8.9 A faculty staff shall be responsible for the results of the students of the class being engaged by him/her.

This will necessarily mean:

- a) Planning the course of lectures for the entire semester and suggesting suitable text and reference books to the students.
- b) Delivering well prepared lectures with the help of handouts and teaching aids.
- c) Preparing tutorial sheets with representative problems.
- d) Keeping an up-to-date account of attendance of students
- e) Conducting assessment of students as per the approved policies
- f) Explaining the steps taken to improve the situation / difficulty being faced in performing the duties and offering suggestions, if any, to improve the efficiency.
- g) The department will prepare an academic calendar for the department in conformity with the College calendar. The faculty staff will be following this calendar.
- h) Punctuality in arriving at the college, engaging classes shall be an important trait of a faculty staff.

- i) Faculty staff shall generally be available to students for discussion and guidance during college hours. The day's work of making attendance, checking answer books and entering and submitting marks and other details shall be completed before he/she leaves the college.
- j) The faculty staff shall regularly intimate the tutor guardians of the progress of the students. The tutor guardian, in turn, shall call the students and try to find out the reasons for poor performance and deficiency; n attendance. If necessary, the tutor guardian shall inform the parents about the performance of the student and shall also maintain a record of the same.

#### **8.10 Dress Code:**

1. Male Staff - Should preferably wear shirts (no T-shirts) and Trousers (no Jeans). Ties also may be worn.
2. Female Staff - Should wear sarees.

**NB:**

(This Hand Book contains guidelines for smooth functioning of the institute. These are guidelines and should not be interpreted as rules and hence cannot be challenged in the Court of Law)

# Amendment

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**Amendment related to increase and retention benefit approved from NSERD in the year 2016**

**INCREMENT/ RETENTION BENEFIT**

1. It is proposed to provide 3% increment on Basic and AGP.
2. It is proposed to provide 2% DA on Basic and AGP each year. Additional DA may be announced if necessary.
3. The above proposed increment will have an impact of approximately 4% as compared to previous impact of 4.5%.
4. It is proposed to provide additional 3% increment (Basic+ AGP) after completion of three years of service at JECRC under following conditions
  - a. Faculty member of Applied Science must have PhD qualification. They are given one year time for the registration and five year time for the completion of PhD there after their benefit may be considered from the date of completion certificate.
  - b. Associate Professor must have PhD qualification. They are given one year time for the registration and five year time for the completion of PhD there after their benefit may be considered from the date of completion certificate.
  - c. Assistant professor must have M.E. / M.Tech qualification. They are given one year time for the registration and three year time for the completion of M.E. / M.Tech there after their benefit may be considered from the date of completion certificate.

AND

- d. At least 50% students must have more than 60% marks in the theory subject's the faculty member is delivering.

AND

- e. Publish at least one paper in reputed conference/ journal during previous year.

AND

- f. If someone leaves the service within one year after availing the benefit, he/she has to deposit the whole amount of benefit before leaving.
5. It is proposed to provide two increments (6%) additional increment (Basic + AGP) after completion of five, ten and fifteen years of service at JECRC (taking 1/7/17 as base month and year to all the faculty members) under following conditions
  - a. Faculty member of Applied Science must have PhD qualification. They are given one year time for the registration and five year time for the completion of PhD there after their benefit may be considered from the date of completion certificate.
  - b. Associate Professor must have PhD qualification. They are given one year time for the registration and five year time for the completion of PhD there after their benefit may be considered from the date of completion certificate.
  - c. Assistant professor must have M.E. / M.Tech qualification. They are given one year time for the registration and three year time for the completion of M.E. / M.Tech there after their benefit may be considered from the date of completion certificate.

AND

- d. At least 50% students must have more than 60% marks in the theory subject's the faculty member is delivering.

AND

- e. Publish at least one paper in reputed conference / journal.
6. There will be additional benefit such as Mobile Number may be provided to all the HOD's, TPO's and Mentors of each semester students.
7. Faculty members who will complete Five years of service after 1/7 /17 and before 31/12/ 17 may be provided retention benefit •of 3% in addition to conventional increment only.
8. Assistant professors, Associate professors and Professors are provided with 5, 7, 10 days of duty leave respectively for taking examination, attending conference and any other academic assignment as assigned.
9. The faculty members who do not qualify criteria

Amendment related to increase and retention benefit approved from NSERD in the year 2016

#### **Promotion Policy**

Under the fitment of proposal and increment retention benefit the faculty members are kept in the pay scale AGP of 6000, 7000, 8000 for Assistant Professors. 9000 AGP for Associate Professors. 10,000 AGP for Professors.

The change of AGP for one level to another AGP 6000 AGP 7000 after five years, from AGP7000, AGP

5 for consecutive three years, retention benefits may be withdrawn.

10. Faculty member who publish a paper in a reputed conference/ journal listed in UGC approved list only will • be provided 50% of the registration charges subject to a maximum of Rs. 5000/(Five Thousand) only.
11. In case of promotion the next increment date will be the date of promotion. However, in case of any ambiguity the committee will decide the next increment date.
12. These will not be applied to non teaching staff including class IV servants.

Dr. V. K. Chandna

8000 after four years and from AGP 8000 to AGP 9000 after three years as per AICTE. Along with the faculty members who wish to promote to AGP 9000 must have minimum qualifications of Ph.D and must appear in front of Selection Committee for the same.

The above benefits will be applicable if the faculty members have at least 50% points out of 200 self-appraisal points.

# Faculty Appraisal Form (Session 2020-2021) (Revised)

## For best faculty award

### Total 200 points

Name of Faculty Member:

Department:

Designation:

Points obtained in the three years	2017-18	2018-19	2019-20

S. No.	Item Name	Maximum Points	Points obtained												
1	Academic result 30 points average (90% students having more than 70% : 30 points, 80 -89% students having more than 70% result: 27 points, 70 -79% students having more than 70% result: 24 points, 60 -69% students having more than 70% result: 21, 60 -69% students having more than 60% result: 18 points, 50-59% students having more than 60% result: 15 points else ZERO) Example: <table border="1" style="margin-left: 20px;"> <tr> <td>Theory Subject</td> <td>Points obtained</td> </tr> <tr> <td>Sub-1</td> <td>30</td> </tr> <tr> <td>Sub-2</td> <td>27</td> </tr> <tr> <td>Sub-3</td> <td>0</td> </tr> <tr> <td>Sub-4</td> <td>18</td> </tr> <tr> <td>Average points scored</td> <td><b>75/4 i.e. 18.75</b></td> </tr> </table>	Theory Subject	Points obtained	Sub-1	30	Sub-2	27	Sub-3	0	Sub-4	18	Average points scored	<b>75/4 i.e. 18.75</b>	30	
Theory Subject	Points obtained														
Sub-1	30														
Sub-2	27														
Sub-3	0														
Sub-4	18														
Average points scored	<b>75/4 i.e. 18.75</b>														
	<b>No marks for Labs subjects</b>														
2	Research Publication: Sci / Scopus / web of science indexed publication: 15 points, publication having ISSN / UGC approved: 10 points, National level publication: 5 points	30													
3	Faculty development programme 10 point average (one faculty development programme minimum 5 days attended 5 points, 2 points for attending 2 days workshop, subject to maximum of 10)	10													
4	Research grant received	5													
5	Patent 10 points / Product development (10) /	20													
6	New Skills (5) / additional specialization (5) / certification course (5)	15													
7	Innovation in teaching learning (5), video lecture (5), online MOOC s (5), Online notes uploading (5) on College website	20													
8	Technical activity organized (1 point / activity)	5													
9	National Initiative for Technical Teachers Training (NITTT) modules (5 points for each modules)	40													
10	Institute level activity organized / participated (1 point / activity)	5													
11	Any award received (1), session chair in conference (1), guest lecture (1), invited talk (1), etc.	5													
12	HOD recommendation maximum 30 points (Departmental responsibility 2 points, NBA related activity 5)	15													
Total		200													

Signature of Faculty

Signature of HOD

**PRINCIPAL**

Note: 1. HOD will verify the documentary proof.

2. Faculty member getting ZERO in criteria-1 or criteria-2 for the consecutive three years (CAY, CAY-1, CAY-2) appropriate action will be taken.

# Technician Appraisal Form For The Month Of \_\_\_\_\_ - \_\_\_\_\_

## For best technician award

### Total 150 points

Name of the Technician:

Department:

Designation:

Date of joining:

Points obtained	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun

S. No.	Item Name	Maximum Points	Points obtained
1	Regularity  (Days Present x actual lab hr engaged) / (Working days x Total lab hr) x 25	25	
2	Maintenance & Repairs How many lab equipments available in the lab A How many are in working condition B How many repaired yourself C Remaining repairing status D  = [ (B+C) / A ] x 10	10	
3	How many experiments performed by yourself = (No. of experiment performed / Total Experiment) x 5	5	
4	Cleaning (1 marks per day) 1. Wearing proper neat & clean formal dress 2. Cleaning of labs rooms, tables, equipment's etc.	25	
5	Stock Register 1. Maintained stock register 2. Timely following stock audit process	20	
<b>Criteria No. 6 to 8 - To be filled by the concerned HOD</b>			
6	Behavior with faculty and HODs	15	
7	New skill certificate taken for lab	30	
8	HOD recommendation 1. Timely opening of lab 2. Maintaining lab properly 3. Properly close the lab after college hour 4. Performing other assignments other than assigned lab work 5. Behavior with the other colleagues and students	20	
Total		150	

Signature of Technician

Signature of HOD

PRINCIPAL

Note: 1. HOD will verify the documentary proof.



JAIPUR ENGINEERING COLLEGE  
AND RESEARCH CENTRE



JAIPUR ENGINEERING COLLEGE  
AND RESEARCH CENTRE

# JECRC POLICY 2018-2023

**Step towards  
Quality Standards**



JAIPUR ENGINEERING COLLEGE  
AND RESEARCH CENTRE

Jaipur Engineering College and Research Centre  
Shri Ram ki Nangal, via Sitapura RIICO, Opp. EPIP Gate, Tonk Road, Jaipur 302022

## Motto of JECRC

# Teach Train & Transform For

- Contribution towards National Development
  - Global Competencies among Students
    - Incorporating a Value System
  - Promotion to Use of Technology
    - Zeal for Excellence

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**VISION OF INSTITUTE**

To become a renowned centre of outcome-based learning, and work towards academic, professional, cultural and social enrichment of the lives of individuals and communities.

**MISSION OF THE INSTITUTE:**

- Focus on evaluation of learning outcomes and motivate students to inculcate research aptitude by project based learning.
- Identify, based on informed perception of India, regional and global needs, the areas of focus and provide platform to gain knowledge and solutions.
- Offer opportunities for interaction between academia and industry.
- Develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders may emerge in range of profession.

**VISION OF IQAC**

To monitor, advise and ensure, initiatives taken by the institute to improve quality in education and administrative setup by doing periodic monitoring & evaluation and achieving new benchmarks.

**MISSION OF IQAC**

- To establish outcome based learning environment that includes value based system.
- To encourage all the departments to outreach and build relationships with the institutes and industries of repute at global level.
- To develop a system that consistently monitors and advises the initiatives taken by the institute and encourages improvement upon best practices.
- To develop universal rules and rubrics for all sections.

**STRATEGIES OF IQAC**

- 1) IQAC shall create process to ensure that all the academic and administrative tasks are performed timely and efficiently.
- 2) IQAC shall suggest various academic / research based programmes.
- 3) IQAC shall create process for outcome based learning.
- 4) IQAC shall advise transparency.
- 5) IQAC shall monitor and motivate initiatives of the institute towards the benefits of various sections of society.
- 6) To monitor the progress of strategic planning of the institute and provide necessary support.

# Academic Policy

Jaipur Engineering Institute and Research Centre is ensuring outcome based learning to the students at various levels. IQAC ensures the following:

The major responsibility are as follows:

1. Drafting of vision, mission, course outcomes, program outcomes, program specific outcomes, relationship between them by the various departments in association with stake holders, feed backs on the above-mentioned credentials and their dissemination to various stake holders in effective manner.
2. To implement the internal examination whose weightage as per RTU norms through the various departments for calculation of course outcomes within the academic calendar.
3. IQAC oversees the adoption of the following procedure by various departments:
  - a. Formation of exam moderation committee in the departments.
  - b. Faculty members must ensure to submit two sets of question papers along with solution of the same to the moderation committee.
  - c. All the question papers must be mapped with Course outcomes.
  - d. Moderation committee thus finalize the question paper for the examination cell of the department.
  - e. The evaluation of the answer sheet is to be done within one week of the examination.
  - f. The solution along with step marking is to be displayed on the notice boards.
  - g. Students are given two day's time to go through the evaluation of their answer script and submit the grievance form to the concerned faculty member if necessary.
  - h. The faculty member thus compiles the result based on the course outcomes.
  - i. As per the bench marking students who do not cross the same are termed as weak students and thus identification of slow learner and advance learner are identified.
4. External examination whose weightage is as per RTU norms, other direct and indirect tools are to be mapped with the program outcomes and thus department needs to submit the evaluation of PO's to IQAC for further necessary actions.
5. Based on the targets of CO's and identified gaps, IQAC advice department to conduct various activities to bridge the gap.
6. Tutorial is the important activity that is to ensure the knowledge of learning level of the students, is to be conducted as follows:
  - a. Faculty member will prepare groups in the class having six students in a group.
  - b. Faculty member will identify the advance learner in each group.
  - c. Faculty member will distribute the tutorial sheet amongst students of the group and the advance learner will help other members of the group to solve the tutorial sheet.
  - d. Faculty member will be available in the tutorial class for advice only.
7. The project work carried out by the student generally reflects their learning level during the program and knowledge of all the PO's while implementing their project work on various technical / social challenges of the society. The project work is carried out by group of students and process of distribution of groups and their continuous evaluation is to be ensure by IQAC is as follows:
  - a. Faculty members list with their specialization is circulated among students before start of the semester.
- j. An assignment is to be provided to the slow learners to improve their performance in the next examination and due mentoring is proposed.

- b. Students discuss their ideas with faculty members according to faculty specialization.
- c. Faculty members prepare group of students having same type of interest/field /idea.
- d. Faculty members modify their ideas and team members.
- e. After the discussion with faculty members project title are displayed and all the students as per their groups make first presentation based on the literature survey based on the allotted title.
- f. Department must ensure that there must be at least three presentation by the students for their continuous evaluation.
- g. It is mandatory for all the students to present and publish a research paper on their project during national conference of repute at the institute or outside the institute before submission.
- h. All the departments must share the above with IQAC and thus IQAC provide necessary advice in case of any deviation of the process.
8. It is mandatory for all the departments to submit CO and PO evaluation to IQAC.
9. It is mandatory to all departments to conduct internal and external audit and submit a report to IQAC for necessary action.
10. IQAC ensure that proper personal and professional mentoring is carried out by all the departments.
11. It is mandatory for all the departments to make a presentation to IQAC cell based on various activities conducted during the year before the annual meeting of the members of IQAC.

## Maintenance Policy

Maintenance related issues are addressed through the following steps in the Institute.

1. All Head of the department prepares their preliminary budget based on last year expenditure related to the maintenance (if any) before the start of the session and forward the same to the maintenance in charge / Estate engineer, who then forwards it for final approval to the NSERD.
2. Regular maintenance budget of building/ground/hostel etc. is made based on last year expenditure. Estate engineer, who then forwards it for final approval to the NSERD.
4. NSERD approves the budget.
5. Concerned Head of the Department/Section submits their maintenance issues through a grievance form to the maintenance head of the institution for approval.
6. After approval it goes to the Estate engineer for further action.
7. Estate engineer visits the site and prepare a budget of the same and get an approval from the Vice Chairman of the Institute.
8. After receiving the approval the Estate Engineer executes the task.
9. After completion of the task with entire satisfaction, estate engineer submits the

grievance form to report to the head of the institution through vice chairman.

10. Head of the institution forward the same document to the Registrar for their record.
11. Accounts office keeps the entire records of the maintenance.

## Library Policy

### 3.1 MEMBERSHIP

- a. All the Students of JECRC are members of the library.
- b. The students will get library cards to enable them to get books issued.
- c. Books will be issued only on presentation of the Identity card. The library cards are not transferable.

### 3.2 WORKING HOURS

- a. The library remains open from 8.15 AM to 5.00 PM.
- b. Issue and return services are available between 8.30 AM and 4.00 PM.

### 3.3 PROCEDURE

- a. Students are advised to always bring their Identity card while in the library.
- b. They are advised to keep their bags, files, books and other materials outside the library in the space provided.
- c. Books will be issued for 14 days. The book should be returned to the library by the due date otherwise a sum of Rs. 25/- (Rupees Twenty Five) per day per book will be charged as due over charge.
- d. Once issued the book will not be re-issued on the same day. If there is a demand from any other student, the same book will be retained and will be issued to that student.
- e. Members can ask for a title not available in the library but required for academic work.
- f. To recall any book before the due date.
- g. Reference books, Dictionaries, Directories, Periodicals are not issuable. Members are expected to refer to the same in the library only.
- h. If a book / books borrowed from the Library is / are lost, the matter must be reported to the Librarian immediately. Any damage done

to the book and periodicals replacement, the double cost will be charged along with a fine. Any kind of marking, writing of name, folding of pages will be treated as causing damage.

- i. The "Reverse text book, reference book" will be issued for reading room only on your identity card.
- j. At the end of the session, every student should return the library cards before proceeding, failing which no new cards will be issued and a fine will be charged.
- k. Students have to put their signature in the register available at the entrance of the library and show identity card. Without identity card, no entry will be allowed in the library.
- l. Any student found not obeying the library rules and disturbing the library will be deprived of the library facility.
- m. Reader should observe strict silence inside the library.
- n. Usages of mobile phone are not permitted in the library block.
- o. In case of loss of borrower's card, the matter must be reported to the librarian. A duplicate ticket may be issued against the payment of Rs.100/- per ticket.

# Research Support Incentive Scheme (RSIS)

## 4.1 OBJECTIVE OF THE SCHEME

The primary objective of the proposed incentive scheme is to motivate the faculty members of Jaipur Engineering Institute and Research Centre, Jaipur (JECRC) to undertake quality research, consultancy and other research related activities.

## 4.2 SCOPE OF THE SCHEME

This scheme covers all faculty members of all department of the JECRC.

The scope of the scheme envisages, in particular:

1. To motivate faculty members to seek opportunities for personal and professional career growth by taking their research work to the next level.
2. To motivate our faculty members to concentrate on research related activities, in addition to the teaching, so as to publish research articles in reputed refereed international and national journals with impact factor.
3. To pursue efforts to write books and chapters for publication by International and National publishers of repute.
4. To evince interest among the members of faculty so that they take efforts to establish collaborative research projects with their counterparts in reputed organizations/ Institutions and foreign universities.
5. To encourage faculty members to submit proposals and secure funded research projects from various funding agencies in India and abroad.
6. To undertake consultancy projects sponsored by Government, Private Industries and other organizations.
7. To encourage creativity in the minds of faculty members, so that they make original contributions by way of products, concepts etc. and obtain patents.

## 4.3 DETAILS OF THE SCHEME

- 1) **Research Paper Publications:** If a research

paper is published based on his/her work in hard copy or in electronic form in a reputed /refereed international journal as recommended by the Head of the Institution, incentive will be paid to the faculty member (Once in a year to each faculty) as indicated below.

- SCI / SCOPUS (Paid) Journals - Rs. 8,000/-
- SCI/SCOPUS (Unpaid) Journals - Rs. 10,000/-
- UGC Care Listed Journals - Rs. 2,000/-

If the paper is contributed by more than one author, the incentive amount will be shared by all the authors equally. Faculty members are encouraged to publish papers only in reputed journals and avoid publications in paid journals. Faculty members should also submit a "Self Declaration" stating that publication fee was not paid to the Journal.

**2) Publication of Books:** To support the faculty to enhance their academic credential line with the UGC expectations by participating more actively in research and learning the following incentives will be given for the publication of text books in relevant discipline on submission of a complimentary copy of the book to the central library of JECRC:

- Incentive for an authored book (that's been written by one or more authors and contributes in the relative field of education and research), Rs. 15,000/- is the text is published by an International publisher like McGraw Hill, Prentice Hall, Oxford University Press, IEEE Press, USA, Springer, Germany or other international reputed publishers.
- Incentive for an authored book (that's been written by one or more authors and contributes in the relative field of education and research) - Rs. 10,000/- is the text is published by a national publisher like Tata McGraw Hill, Prentice Hall of India, MacMillan India, Sage.
- An incentive of Rs. 2000/- will be given if the authored book is published by Regional Local publisher.

- Incentive for an Internationally Published edited book (the one when an editor compiles a group of articles or chapters written by different authors and publishes it in a single volume and contributes in the relative field of education and research) is Rs. 5000/- and published by an International publisher like McGraw Hill, Prentice Hall, Oxford University Press, IEEE Press, USA, Springer, Germany or other international reputed publishers.
- Incentive to write chapter (one of the main divisions of a piece of writing of relevant length, such as any reference book and contributes in the relative field of education and research) is Rs. 2000/- in a national international high reputed text book.
- Any conference proceeding does not count as a book under this scheme.

## 3) Attending and presenting research papers at National & International Conferences:

- Maximum of 50% of the faculty members from each department per academic year will be considered as recommended by the Head of the Institution. Each faculty member will be able avail this benefit twice in a year.
- For each faculty members attending and presenting a research paper in national conferences held in India as a first author, the institute will pay the registration charges (maximum ceiling of Rs. 2000/- per paper) and TA (Indian Railway Ticket Fare of 3rd AC; provided the conference is hosted by a reputed institution.
- For each faculty members attending and presenting a research a paper in national conferences held in India as a first author, the institute will pay the registration charges (maximum ceiling of Rs. 4000/- per paper) and TA (Indian Railway Ticket Fare of 2nd AC) provided the conference is hosted by reputed institution.
- For the faculty attending and presenting a research paper in international conference held in abroad, the Institute shall pay 50% of the registration fee and 50% of the travel expenses (maximum ceiling of Rs. 50,000/-) as recommended by the Head of the Institution, provided the conference is hosted by a reputed institution. The ceiling of faculty members will not apply when the travel expenses have been provided for in the externally funded research project. Preferably, such expenses should have been factored into the project/research grants.

**4) MOOC's Related Incentive:** Faculty members are encouraged to learning through MOOC's and are also be incentivized for developing MOOC's for identified platforms. Five faculty members from each department in one semester will be eligible to receive incentive for MOOC under this scheme. The following incentive scheme is being followed under MOOC's related incentives

- AICTE - NITTT modules: An incentives of Rs. 10,000/- will be given on completion of all the 8 modules of NITTT.
- Development of MOOC's: An incentive of Rs. 5,000/- will be given for developing any MOOC on the identified platforms.
- E- Content Development: Faculty members developing e-content on the various channels like website, YouTube, tiktok or whatsapp will be entitled to receive incentive of Rs.5,000/- with the recommendation and review of the Head of the Institution.6).

## 5) Collaborative Research Project with Foreign University/Agency / Institute

- Any Collaborative research project undertaken by our faculty members with an industry/foreign University with tangible outcome, the faculty member is eligible to get an incentive of Rs 50,000/- The tangible outcome shall be endorsed by the Head of the Institution.
- If the project involves more than one faculty from the Institute, the total amount will be shared among the participating faculty members.
- The year in which the collaborative project commenced is the criteria for including this into the scheme. A project cannot be included more than once in the scheme.
- Any publication arising out of this collaborative research will also be eligible for incentives as per the norms of the publication.

## 6) Generation of Research Grants

- Faculty members are expected to submit proposals for research grants from Government/Non-Government funding agencies. It is quite likely, that these projects may involve modernization of laboratories, acquiring of equipment required specific to their search study or conducting of surveys etc. The incentive will be linked to the total amount of research grant sanctioned by the sponsoring agency. An incentive of 10% of the research grant will be given to an

Individual/team/department to develop the necessary research capability required to execute the related projects.

- For Grant amount up to Rs.10,00,000/- an incentive of Rs. 50,000/- will be given to the individual/team. If the project involves more than one faculty from the Institute the total amount will be shared among the participating faculty members.
- For Grant amount up to Rs. 20 Lakhs to Rs. 50 Lakhs an incentive of Rs. 2,00,000/- will be given to the individual/team. If the project involves more than one faculty from the Institute the total amount will be shared among the participating faculty members or Lifetime Membership of any related society will be sponsored by the management within the same amount up to 3 members of the team.
- For grant amount up to Rs. 50 Lakhs to Rs. 1 Cr. an incentive of Rs. 5,00,000/- will be given to the individual/team or expenses of International conference with in the same amount range or Life Time Membership of any related society will be sponsored by the management. If the project involves more than one faculty from the Institute the total amount will be shared among the participating faculty members.
- For Grant amount up to Rs I Cr. And above an incentive of Rs. 5,00,000/- and Life Time Membership of any related society or expenses of International Conference/Workshop with in the same amount range or will be sponsored by the management. If the project involves more than one faculty from the Institute the total amount will be shared among the participating faculty members.

#### 7) Undertakings Consultancy Projects

- If there is a substantial contribution by the faculty member in the consultancy project and no resources of the Institute (like laboratory, computer, software etc. utilized), the members involved in the consultancy project will take 60%, of the total value of the consultancy amount received and 40 % will go to the Institute and an incentive reward of Rs. 10,000/- will be given.
- If the resource of the Institute such as laboratory facilities, computing facilities, drafting and other facilities are utilized in the consultancy project, than Rs. 2,00,000/- will be given for facility development to the

concerned department and the annual revenue sharing will be as follow:

- Ist year - 80% (Faculty) 20% (JECRC)
- IInd Year - 70% (Faculty) 30% (JECRC)
- IIIrd Year - 60% (Faculty) 40% (JECRC)

#### 8) Faculty/Staff Development Programmer (FDP):

- Faculty members are encouraged to participate in Workshops/STTP/FDP as may be decided by the Institute from time to time.
- Faculty members attending a program of more than three days duration shall plan their participation in the semester break/summer vacation so that the academic schedule of the students remains undisturbed.
- Faculty members are sent for such programs shall be eligible for an incentive of reimbursement of lodging & boarding for the duration of the training program.
- Eligibility for such programs shall be restricted to two faculty members per semester from a department. In general, programmes sponsored by AICTE/ISTE/DST and other institutions where the host institution takes care of significant portion of the training cost, and the faculty will be given Academic Leave for the period.

**9) Best Faculty Award:** Scientifically designed, faculty evaluation scheme called Performance Based Appraisal System is implemented in the JECRC. The Performance Based Appraisal System consist of 200 marks, and the teacher who scores the maximum marks is rewarded as Best Faculty of the Institute. An incentive of Rs. 5000/- will be given to the Best Faculty. The compilation of the data will take place in the month of June.

#### 4.4 PAYMENT OF INCENTIVES

At the end of every semester of the academic year, based upon the evidence produced and Recommendations of the Head of the Institution, the incentive will be paid to the faculty members in a felicitation ceremony organized at the Institute.

#### 4.5 OTHER GUIDELINES

- When research publication has multiple authors, the cash incentive shall be divided equally among the authors.
- It is the responsibility of the faculty member to produce evidence of having published paper in the refereed journal and the impact factor of the journal. He has to produce a printed copy of the SCOPUS or other evidence and the Head of the Institution should attest that.

- The incentive shall apply to any number of papers, subject to the condition of Intellectual Property Rights. Plagiarized works, claims on duplicated papers with different titles of the same content in different journals, seminars or dailies and such other irregularities shall attract severe disciplinary action, including recovery of incentives paid earlier and loss of faculty members position at the Institute.
- When a paper being presented in National/

International conference has multiple authors, the right of travel for presentation of the paper will be restricted to the first author; and if the first author so permits to the second author in lieu of the first.

- After checking the claim and approval by the principal, incentive amount will be disbursed to the faculty members.
- As the being of tentative scheme, the criteria and modalities will be amended then and there, by the Institute.

## Departmental Quality Assurance Committee (DQAC)

JECRC has a Departmental Quality Assurance Committee.

#### 5.1 COMPOSITION

- 1) At least 3 Members of Senior Faculty with one senior faculty as academic coordinator head.

#### 5.2 OBJECTIVES

The committee, as a team, would ensure that:

- 1) All the academic activities like the Lectures/ Practical/ Tutorials are all engaged by respective teachers as per the timetable.
- 2) Punctuality is maintained for all activities- teachers start the class in time and engage for the duration of the class. No class is left engaged.
- 3) Any adjustments of load made by the absent teachers are actually engaged fully.
- 4) The students are involved in the designated academic activity and not disengaged from the activity being conducted in the class.

#### 5.3 RESPONSIBILITIES

- 1) Block wise and floor wise duties are assigned to faculties to maintain discipline.
- 2) Take appropriate follow-up action w.r.t. defaulter students i.e. alerting the parents, obtain undertaking from the students and parents regarding consequences of non-fulfilment of attendance requirements.
- 3) Recommendation to the Principal w.r.t. the remedial/ disciplinary action to be taken.

## Sports Policy

JECRC focuses on overall personality development of its students. They are constantly encouraged to participate in various co-curricular, cultural and sports activities so that the leadership and team player characteristics can be inculcated in them.

Lot of inter and intra Institute sports activities and competitions are organized for the students who are enthusiastic about sports activities. The campus is equipped with facilities for conducting indoor and outdoor sports.

- 1) **Multipurpose Ground:** The campus has a lush green ground for games like cricket and football.
- 2) **Basketball Court:** The campus has a basketball court where intra Institute competitions are organized during the sports week.

- 3) **Gymnasium:** The Hostels have the equipment like dumbbells, treadmills etc.
- 4) **Badminton Court:** The Hostels have quadrangle court for playing badminton

There are various student sports clubs operating in the campus through which students participate at district, state and even national level events. They are given duty leaves and marks are awarded in the discipline and extra-curricular activities section for motivating them for participation.

## Curriculum Planning and Implementation

- 1) Curriculum Delivery
- 2) Content beyond syllabus
- 3) Add-on/Certificate courses
- 4) Cross-cutting issues related to professional ethics, human values, environment and sustainability.
- 5) Experiential learning through project work, field work, internship etc.
- 6) Extension and outreach program

The planning of curriculum delivery is shared with the departments through IQAC so that they may plan their activities as per shared plan and include into the academic calendar of department.

**Curriculum Planning:-** Curriculum planning is done under the consideration of the following points,

1. **Curriculum by University:-** Institute follow the curriculum provided by the university in all programmes.

2. **Prerequisites:-** Subject wise prerequisites are discussed and explained to students.
3. **Content Beyond Syllabus:-** After the feedback received from different stakeholders the gap in the curriculum is identified and delivered by various means.
4. **Experiential Learning:-** Different activities are planned for students at institute and department level to give the opportunity of learning by doing in addition to RTU syllabus.
5. **Extra Curricular Activities:-** Extra-curricular activities are planned by departments wherein the number of students is participating, it is planned in the academic calendar.
6. **Financial Planning:-** For various planned and unplanned activities, financial planning is done and approval is taken at the start of academic session.

7. **Career and Soft skills:-** Training and placement department provide placement training to students for career building and placement activities.
8. **Planning to incorporate ICT (Information and Communication Technology) enabled Teaching Learning:-** For innovation in teaching-learning, different ICT based software and hardware tools are planned to use.
9. **Planning to take Initiatives for:** Sensitization of students and Employees of the Institution to the Constitutional obligations: values, rights, duties and Responsibilities of citizens.
10. **Planning to take Initiatives for:** Tolerance and Harmony towards cultural, Regional Linguistic, Communal, Socioeconomic and other Diversities.

11. **The planning for Continuous Internal Evaluation (CIE)** is started from the guidelines provided by IQAC. Each department adheres to these guidelines and performs the various tasks for CIE. The different department conducts their internal evaluation process based on CO's. The departments follow the transparency in evaluation process and solve student's grievances.
12. **The IQAC ensures the quality and standards of exam papers.** The faculty member finds the slow and advance learners to make efforts so that most of the students are able to complete their graduation in the stipulated time with good percentage.

## Examination Policies

### Process of question paper formation for internal theory exam:

1. Prior information is provided to faculty members to prepare the question paper with solution of their respective subject.
2. Then mapping of questions to COs will be done.
3. Then scheme of CO Wise evaluation for question paper is defined.
4. In the next step DQAC will scrutinize all papers.
5. If at-least two papers are up to the mark, then DQAC selects final question paper(s).
6. If none of the papers are up to the mark then follow the step 2 to step 6 in an iterative manner.

### Process of conduction of internal theory exam:

1. Once the conduction of internal theory exam i. e. midterms is over then evaluation of answer books is started.
2. In the next step DQAC manages/performs the scrutinizing process of all evaluated answer books.
3. Then the answer books are shown to students, if student is satisfied with the evaluation then the result analysis based on Co's will be done.
4. If the student is not satisfied with the answer book evaluation, grievances of students related to evaluation are processed through IQAC, Dept. HOD & DQAC by submitting a grievance form.
5. If the obtained marks in all CO's  $\geq 60\%$ , then the student is considered as advance and assignment based on CO's is given to students.

6. If the obtained marks in all CO's  $< 60\%$ , then the student is considered as slow and assignment based on CO's, question bank is given to students. After the evaluation of assignment based on CO's, marks on notice board are displayed.
7. If any students are still found slow learners by following the above process then mentoring and remedial classes are also arranged for them.

## Feedback Policy

A. Feedback collected, analysed and action taken and feedback must be available on website

### 9.1 Implementation of Feedback

- Feedback forms are approved by IQAC and these forms are hosted on the website of the institute for obtaining online feedback from various stakeholders.
- Request email is sent to various stakeholders like employers, alumni, faculty, students and parents and their feedback and comments are collected.
- Acceptance of the feedback through email, phonic conversation, hard copies and Google forms are acceptable as different mode of communication.
- Link of Google form is made available on the website for providing feedback and their submission is recorded.

### 9.2 Action Taken

- Compiling and analyses is done on the feedback from various stakeholders like students, parents, alumni, employer etc.
- Segregation of the feedback for curriculum

enrichment planning is also done.

- Preparation of the list of all feedback analysis and Action Taken Report (ATR) by DQAC is prepared for sending to IQAC for necessary approval.
- Planning for introduction of the bridge gap courses and content beyond syllabus on the basis of feedback is also done.
- In the end, the feedback is forwarded to the governing bodies with a request to incorporate the suggested changes.

### 9.3 Repeat Feedback

- Feedback is taken on regular interval to understand the satisfaction level of various stake holders.

### 9.4 Documents supporting the feedback mechanism

- Google form filled by various stakeholders.
- Google form link
- Minutes of meeting of IQAC
- Feedback and action taken report on website

## Grievance Policy

The institute has well defined grievance redressal mechanism through which any grievance related to students, ragging, women harassment, maintenance or any other is taken care by the concerned section/department incharges. As per the designed format a respective individual is requested to submit a generalized grievance form as available on the website [www.jecrcfoundation.com/institutional-grievance-committees](http://www.jecrcfoundation.com/institutional-grievance-committees) to the Registrar office or to the concerned department / section incharge in physical form or through online. The grievance form then

forwarded to concerned section to take action and action taken report thus submitted within stipulated time for the closure of such grievance and finally information about the action taken is communicated to the individual who has put up the grievance.

There are regular meetings where number of grievance received; action taken and pending grievance are discussed based on the type of grievance. The time to resolve grievances varies from two days to one week.

## Startup Policy

This “Startup Policy” got into effect from 01 July 2019 and will be endorsable till 31 Dec. 2024, i.e., for a period of 5 years.

### 11.1 OBJECTIVE OF THE INCUBATION CENTRE AND THE POLICY

**The core objective will be to support and enable innovative ideas to turn into successful startups.**

- To develop an incubation centre with world class infrastructure and physical facilities.
- To incubate 50 innovative and technology backed start-ups
- To facilitate and create an internal seed fund of up to 50 Lakhs to support these startup companies.
- To facilitate angel funding & match funding through external investors, CSR programs, grants.
- To develop mentor and expert network which can support the incubated start-ups.
- To develop “support centre” which can provide services like company registration, IP patent, legal etc. at subsidized rates to incubate companies.

### 11.2 SCHEMES

The scheme encourages the Student Entrepreneurship program.

#### 11.2.1 Courses and Training

- Training on entrepreneurship to be introduced to develop skills and interest in students as content beyond.
- Syllabus for the training will be updated as per current market trends to keep the students aware.
- Faculty members training shall be done on the annual basis through faculty development programs.

#### 11.2.2 Additional Benefits for incubated student start-ups (for mature and operational start-ups)

- Students will get an office for the initial six months after the completion of degree in the incubation centre.
- Facility to defer placement in final year for a period of up to 1 year is also provided to the selected student. They can later opt for placements, in which case, the T&P Dept. will escalate their placements.
- Incubated start-ups may be allowed to convert their project into final year project for the completion of their degrees.

#### 11.2.3 Awareness building and sensitization (for general students and idea / pre idea stage)

- Various programs/events like speaker series, start-ups meet, hackathons, start-up fests etc where student can engage and learn more about entrepreneurship will be conducted.
- Incubator shall conduct half – yearly/annual B-plan competitions and pitching competitions
- Start-ups will be provided access / entry to major start-ups events, programs, conferences.

## Startup Support

### 12.2.1 FINANCIAL ASSISTANCE FOR START UP

- Seed Funding/Matching Funding will be provided to the start up as sustenance allowance whose project is incubated.
- Assistance to promising start-ups for securing Angel Funding / Grants / CSR funds / Loans at cheaper rates through external sources will be provided.
- Incubator will provide support to the start-ups by providing mentoring services, access to their labs, facilities, etc.
- Introduction of special scholarships, grants, funding support and facilitation of loans at cheaper rates for women majority teams (3)/

people from economically weak background (with a breakthrough idea/innovation)

- Discounted rates for registering a company, filing a trademark, patent filing etc for incubated start-ups

### 12.2.2 INDUSTRY CONNECTIONS

- Start-ups that are nurtured through incubator will be connected with national and international markets, ecosystem players, multinational companies etc for commercialization, funding, licensing of their technology, technology transfer, business collaboration or potential buyout.
- Incubated start-ups will be offered free cloud hosting, other SAAS based service etc provided by partner originations

## Extension Activities

### IQAC shall monitor and motivate initiatives of the institute towards the benefits of various sections of society

Overall grooming of students is incomplete without their association with the society and their challenges. The institute has taken initiative where students are motivated to join four different social groups at the institute named – Zarurat, Aashayein, Soch and Suhasini. The purpose of these social groups to connect students with the society by doing the following:

- Teaching underprivileged students.
- Donation of kind to needy section.
- Blood donation / platelet donation during need to needy.
- Sanitizing society on various issues of importance.

- Making relationships with various NGOs.
- Making relationship with old age home and orphan age home.
- Cleanness drive by doing etc.

***The MOTTO of various social groups is learning by doing with the society for the society and in the society.***

## Alumni Policy

- The JECRC Alumni Association strives to provide platform for constructive engagement between alumni, students and the institution.
- The JECRC Alumni Association regularly organizes Alumni meets and Alumni reunion chapters in the different parts of the country and overseas.
- The JECRC Alumni Association recognizes and acknowledges its alumni for their achievements.
- The JECRC Alumni Association provides opportunities to Alumni for participating in

various online and offline activities being organized in the campus.

- The JECRC Alumni Association offers an honorarium of Rs 5,000/- to the Alumni for delivering a talk to the present students.
- The JECRC Alumni Association provides a channel to alumni for easy access to necessary documents that they may need for career growth, higher studies and government jobs.

## Placement Policy

Training and Placement Cell arranges and coordinates various training programmes that aim at enriching the students with special skills to meet the industry expectations in career building and in turn bring laurels to the parent institution. As per the industrial scenario we identify, the regional and global needs and work upon the areas of improvements and provide platform for the students to gain knowledge so they can excel at their job. The TPC also finds opportunities for interaction between academia and industry.

- Strengthening the Institute and the Corporate Relations.
- Arrange for students Industrial Visit
- Unique Initiative taken for enhancing Placement of Below Par Students: JECRC Management has taken a unique initiative of starting a vertical exclusively for placement of students with less than 60% marks and few backlogs. This group works for providing training, motivation and provides opportunities to such students who earlier could not even dream of a Campus Placement.
- Arrange for Competitions Based Hiring

- Conduct the Campus Ambassador Program
- Appoint the Students Placement Coordinators
- Campus Recruitment Training (CRT Program): The training cell helps the students to improve their employability skills in order to face the campus interview confidently and it aims at moulding the students so as to meet the industry expectations in career building. The Training cell arranges aptitude, communication, soft skills and technical training for the students.
- Development of Problem solving skills.
- Learning Smart Technologies to become Industry Ready.
- Dedicated Alumni Cell : The Institute has a dedicated Alumni Cell reporting directly to the Institute Management.
- Entrepreneurship Development and Incubation cell: The Institute believes in developing entrepreneurship in its student and has established an Incubation cell to promote start-ups. It is given high priority and is directly monitored by head of Institution.

## Students Progression

### 16.1 STUDENT WELFARE

This year the institute has taken the multiple initiatives for the welfare of the students. Some of these initiatives are enumerated below:

1. The institute have facilitated the students by allowing them to deposit the tuition fees in 9 EMI's at 0% interest.
2. For carrying out Project/Technical activities, the students are provided financial support for procurement of hardware, raw materials etc.
3. Meritorious students who are able to secure Ist , IInd & IIIrd position get financial support from the Institute.
4. There are technical clubs established, to promote research & design where hardware is provided to the students by the institute.
5. Meritorious students are appreciated from time to time.
6. Mentors are assigned to each student and a special one-month training called as "Train the Trainer" is imparted to faculty members so that they in turn impart the same training to final year students.
7. The students are also provided additional training by reputed external agencies.
8. MOU's with industry provide skill-based training to students at a discounted rate.
9. Under the Social Responsibility events, the students under guidance of faculty members teach underprivileged students and also provide support for SDP donor.
10. Cultural events like "Nukkad Natak" are performed at nearby places in and around Jaipur by the students.
11. Industrial visits for students are organized for the students with the support of Bhraman Club, which at subsidized rates organizes the industrial visits throughout India.
12. Special academic leaves are allowed to students as per requirement.
13. Appreciations Certificates are provided to students who take part in or organize inter Institute /institutes events.
14. Alumni meets are organized at regular intervals and the distinguished alumni gets recognition.
15. Students are encouraged to join in tree plantation activities.
16. Start-up funding is allocated to students and they are also given 3% equity as stakeholder.
17. Training and placement cell motivate the students to pursue higher education.
18. Training and placement cell contact the core industries and arranges the training through "Intershala".

## Objectives of Central Time Table Committee:

1. To optimize allocation of lecture rooms, tutorial rooms and laboratories for maximum utilization of resources, conference rooms, seminar halls.
2. To allocate resources during curricular and extracurricular activities.
3. All departments send their time table to the committee, before the start of semester.
4. In case there is some non-allotted resource, the same is allocated as per the requirement.
5. After optimization the same is submitted to principal for approval.

*Note: \*\*All the related policies are discussed with the stake holders and thus submitted to National Society for Engineering Research and Development (NSERD) for their approval. Approval of the same is taken from NSERD time to time. \*\**

## **INFORMATION FOR THE NEW ENTRANTS**

### **Vision of the Institute**

To become a renowned centre of outcome based learning, and work towards academic, professional, cultural and social enrichment of the lives of individuals and communities.

### **Mission of the Institute**

- Focus on evaluation of learning outcomes and motivate students to inculcate research aptitude by project based learning.
- Identify, based on informed perception of Indian, regional and global needs, the areas of focus and provide platform to gain knowledge and solutions.
- Offer opportunities for interaction between academia and industry.
- Develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders may emerge in a range of professions.

JECRC is a dream Institute for many aspirants where the ambiance is different from that of your school and provides platform to nurture overall development in education and extra-curricular activities. The management, faculty members, staff members and the students in the higher classes may expect you to behave like a grown-up and responsible citizen. During the tenure of your degree course, you have to take your own responsibility regarding required attendance in the college and participation in Co-curricular and Extra-curricular activities. If you are sincere towards studies and attend the theory, practical and tutorial classes regularly (the attendance should not be less than 75%) and take all the tests and examinations as per the requirement of the affiliating University, then not only your learning attribute will improve but also your performance to get you in the direction of higher studies/placements.

JECRC Institute promotes varied experiences and the outcome based teaching-learning provides the information about your learning outcomes. The information of different activities (academic and/or otherwise) is provided through the notices on the Notice Boards and also you have to be in constant touch with your mentor as assigned to you.

Further, your efforts of getting more than 60% marks in aggregate without any back paper throughout will help you to access the platform to get placement in a reputed organization with higher salary package through campus interview selection process.

The institute will provide you the platform to groom yourself in various activities at leadership positions, also provide you the opportunity in the direction of lifelong learning, ethics, innovation, project management etc. along with technical knowledge.

To adapt yourself to the changed environment, you may consider the below mentioned points :

1. Inculcate the habit of coming to the college well-in-time and attend the all the classes regularly.
2. Wearing slippers are not allowed on the campus.
3. Wearing college identity card on the campus is compulsory
4. If you are commuting to the campus through two wheelers, wearing good quality helmet is compulsory even for pillion.
5. You may approach your mentor/proctor/HOD for any queries/concerns.
6. You should maintain the originality of your own personality and should not be unduly impressed or swayed by your friends in the College. You must know what is right/wrong for you.

I am sure, with these points of advice, you will smoothly sail through the transition period and emerge as an excellent professional.

**PRINCIPAL**



JAIPUR ENGINEERING COLLEGE  
AND RESEARCH CENTRE

## CONDUCT RULES AND GUIDELINES FOR STUDENTS

**A. Discipline and wisdom** are essential traits of a professional. Students of JECRC are expected to observe the highest standards of discipline.

**B. The following acts by a student shall be construed as indiscipline:**

1. **Misbehavior** with teachers, employees of the college, colleagues, girls students, juniors, wardens, proctors and visitors and acting against decorum in college premises- classrooms, laboratories, playgrounds, any type of transportation and hostels.
2. **Ragging** New Students.
3. Using **insulting, abusive and indecent language** in general and in the college premises and hostel, in particular.
4. **Damaging college property** including apparatus, books, fixtures and fittings, building, vehicles, fauna and flora in the college.
5. **Not attending class** and not participating in curricular activities as per the University ordinances.
6. **Not appearing in class tests and examinations.**
7. **Not paying attention to mentor** advice and warning notices.
8. **Wearing poor, indecent and Provocative dresses.**
9. **Coming late** to the college and leaving early.
10. **Leaving college premises** or hostel **without permission** of the Principal, Teacher, mentor, warden etc, as the case may be.
11. **Not paying dues and fee in time.**
12. **Not following the college calendar** and timing for co-curricular and extracurricular activities such as games and sports, cultural activities etc.
13. Forming clubs, association, society, forum or groups without the permission of appropriate authority such as Principal, Mentor, warden, proctor or other college authority.
14. **Spreading unfounded rumors** or canards, which may disrupt the college activities and disturb the college discipline.
15. **Using unfair means** in test and examinations.
16. **Causing injury to any person** or participating in acts of hooliganism within and outside the college campus and in public places such as roads, bus stand, cinema halls, railway station, airport, factories, restaurants, dhabas, hotels etc.
17. Indulge in any act, which may on investigation be confirmed as an act of indiscipline by the college or by Law.

**C. Reporting of Acts of Indiscipline**

The following will observe and report acts of indiscipline by the students to the Apex Disciplinary Committee consisting of the Senior Advisor, Principal, director HRD, one or more HODs and a member of the society or its nominee.

1. **Class/Subject teacher** : Late coming, shortage of attendance, indiscipline, ragging and lack of attentiveness or concentration in classes, indecent clothing, poor performance in test and examinations and laboratory activities and workshops.
2. **Mentor** : General behaviour of student with teachers, colleagues, employees etc.
3. **Warden** : Behaviour in hostels and default in paying dues.
4. **Librarian** : Behaviour in library, damages to books, theft of books etc.
5. **Proctor** : Late coming / early going, general behaviour in the campus with colleagues, teachers, employees etc. Discipline in the public place.
6. **Any employee** : Affected by an act of indiscipline.
7. **Any Student** : Affected by act of indiscipline.

#### **D. Anti-Ragging Measures**

- a) All students shall follow the UGC/AICTE Regulations on curbing the menace of Ragging in Higher Educational Institutions, 2009, State Government/RTU/College Authorities Guidelines etc. on the subject.
- b) Any violation of the guidelines would result in expulsion from the college besides the penal action as may be decided by the authorities in this regard.

#### **E. Penalty for acts of Indiscipline**

When an act of indiscipline has been reported to the Apex Discipline Committee (ADC) a sub-committee formed by ADC shall investigate the reported act of indiscipline thoroughly and submit a detailed report on the incident.

The ADC will then examine the report and take suitable action against the incumbent depending on the severity of the act of indiscipline.

The following penalty may be imposed on a student.

1. Warning and Reprimand
2. Fine
3. Warning and Fine
4. Deduction of marks in DECA marks
5. Withholding permission to participate in an activity or examination
6. Rustication from the College for a certain period
7. Reporting to police if the act falls under penal law
8. Removal from hostel

#### **F. Some Specific Penalties**

<b>S. No.</b>	<b>Area of Indiscipline</b>	<b>PUNISHMENT (one or more)</b>
1.	Class attendance less than 75%	Not allowed to appear in examinations
2.	Coming late to college	1. Warning 2. Deduction of discipline marks
3.	Damage to items and property	1. Recovery of cost 2. Appropriate fine
4.	Damage / Theft of Books	1. Warning 2. Recovery of double the cost of Book 3. Fine of Rs. 500/-
5.	Misbehavior	1. Warning 2. Fine of Rs. 2000/- to 5000/-
6.	Indiscipline in Hostel	1. Warning 2. Fine of Rs. 2000/- to 5000/- 3. Rustication from Hostel
7.	Unfair means in examinations	1. Action as per university rules including Police case
8.	Hooliganism / Ragging	1. Warning 2. Deduction of discipline marks 3. Police case 4. Fine that can go to even Rs. One Lakh 5. Rustication from the college



JAIPUR ENGINEERING COLLEGE  
AND RESEARCH CENTRE

**HOSTEL RULES AND REGULATIONS**

**1. General**

- a) The hostel facility includes boarding and lodging and is meant for those students of JECRC Foundation who are not residents of Jaipur and are serious about their studies, can maintain proper discipline and decorum.
- b) Hostel facility may be provided to the students, who are of Jaipur only if spare capacity is available at the discretion of administration.
- c) The rooms are double and triple seated with facilities such as cot, study table, chair and wardrobe. The students will have to bring their own mattress and pillow with linen.
- d) All residents of the hostel shall follow the hostel rules & regulations.
- e) Hostel room is allotted for the academic session i.e. beginning of session to 3 days after the last date of RTU exams.

**2. Hostel Charges**

- a) The annual hostel charges such as rent and boarding and other miscellaneous charges are decided by the College administration. Such charges are payable by the resident in two instalments. The first instalment is payable at the beginning of the session along with Rs. 5000/- as security deposit. The second instalment is payable as decided by the administration.
- b) If the dues are not paid timely, the membership for the hostel shall cease automatically and the student shall have to apply afresh for renewal/readmission.
- c) No refund shall be made by the college if a resident leaves the hostel before the expiry of the session, and the balance outstanding fee if any will be recoverable from the student.

**3. Vacating the Hostel**

- a) If a resident wishes to leave the hostel he/she will have to give one month's notice and will be allowed to leave only when the Principal and the Chief Warden/CAO give their permission. However, no claim for any refund of charges will be entertained.
- b) Further, if a resident is found or held guilty of indiscipline, ragging or any other such activity which is against the rules, norms and instructions of the institute, he/she shall be directed to leave the hostel by the Chief Warden/CAO. In such cases also there shall be no refund of any charges.
- c) Security charges of Rs. 5000/- will however be refunded after getting a no dues certificate from the Chief Warden/Warden.
- d) If a resident is found involved in ragging, his admission to the hostel and the college will be cancelled and in view of Supreme Court's directives a case will be registered in the Police Station against him / her.

**4. Mess Rules**

- a) Residents shall take all their meals in the hostel mess. This includes breakfast, lunch, tea and dinner. Non-vegetarian meals or snacks including eggs shall neither be served nor be permitted.
- b) Residents will be served meals only during the prescribed timings as indicated below :

S.No.	Activites	Summer
1.	Breakfast	7.30 to 8.20 a.m.
2	Lunch	11.45 a.m. to 1.15 p.m.
3	Tea	5.30 to 6.00 p.m.
4	Dinner	8.00 to 9.00 p.m.

- c) All residents shall be provided common menu.
- d) Residents shall not carry their meals wholly or in part, outside the mess. They shall not carry any utensil or other property of the mess outside the dining hall. In case of non-compliance, a fine of Rs. 50/- will be charged from the defaulters.
- e) Residents shall not interfere with cooking or other services and shall not handle mess equipment any time.
- f) Sick residents may be allowed to eat their meals in their rooms with the written permission of the warden.
- g) No outsider shall take breakfast, lunch, tea or dinner without prior written permission of the warden. If permitted, the host resident shall pay the charges in advance to the college through coupons available at college counter.
- h) Resident shall cooperate with the mess employees and deal with them in a polite and courteous manner.
- i) Residents shall pay their mess dues regularly as prescribed.
- j) Lodging and board facility may be made available during vacation provided atleast 60 of the residents remain in the hostel. No boarding charges will be refunded at any time once paid.
- k) Dress code - All residents will enter the hostel dining hall in proper presentable dress at all times. Students shall not be allowed to enter in bathroom slippers, shorts and sleeping suits.
- l) The Hosteller shall be take proper care of his belongings especially costly items like Mobile, Phone and Laptops etc. and shall bring these items on his risk. The Hostel / College administration shall not be responsible in any way, for any loss or damage to these items.

#### 5. Entry in / Out of Hostel

- a) The following timing shall be observed for maintenance of discipline in Hostel and Institute Campus.
  - a. Opening of Hostel Gate - 06.00 a.m. (Summer), 06.30 a.m. (Winter)
  - b. Closing of Hostel Gate (Boys) - 09.00 p.m.
  - c. Closing of Hostel Gate (Girls) - 07.30 p.m. (Summer), 6.00 p.m. (Winter)
- b) Residents shall not go outside their rooms between 10:00 and 6:00 a.m. without permission of the Chief Warden/Warden I/C except for attending institute's functions or authorised academic work in the institute. Attendance may be taken during these hours.
- c) Residents shall not leave station without obtaining prior written permission of the warden. They shall report to the warden immediately on return.
- d) Residents shall not invite any unauthorised person in their hostel. They shall deal only with the authorized vendors, washermen, cobblers etc. during the prescribed hours and pay them at prescribed rates.
- e) Visit of outside person (including parents) to residents of hostel will be restricted up to the "Visitors room" only. No hosteller shall take his/her guest to their room in any circumstances. In exceptional circumstances, parents may be allowed to stay for a day in the guest room, on prior approval of Principal/CAO/Chief Warden, on payment of the prescribed charges which are presently Rs. 350/- per bed per day. In no case shall the parent stay in the hosteller's room.
- f) No visitors or parents are allowed to enter the hostel rooms in any case.
- g) No resident shall stay in the hostel during college hours without a valid reason which must be informed to warden. It is clarified that illness or health reason will be taken as a valid reason, Free period, visitors from outside etc. will not be taken as a valid reason.
- h) No day-scholar is permitted to enter the hostel during college hours. Suitable action and fine will be imposed upon him/her if reported by the Chief Warden/CAO.
- i) No resident shall leave the college campus without making necessary entries in the register kept with the guard at the college gate/hostel gate. After return he/she enter the time of return in the register.

#### 6. Use & Facilities

- a) A student who has opted for hostel shall only reside in the hostel and the room allotted to him/her.
- b) Residents shall be responsible for all furniture, electrical and other fixtures in the their rooms. They shall not

disfigure or paint of stick photos, posters etc on walls, doors and windows or otherwise damage them. Failing Which double Charges Shall be levied on him. Residents are expected to maintain perfect discipline and proper atmosphere.

- c) Proper use of water and electricity shall be ensured and lights shall be switched off and taps closed when not in use. Defaulters shall be punished @ Rs 100/- per day
- d) Proper permission (at least 1 day in advance ) shall be taken in writing from warden for going to LG or home.
- e) Girls hostellers shall obtain a gate pass from the warden for going out of hostel/campus which shall be limited to 06 nos per month. First year girl hostellers are not allowed any outing in the first six months. However, to cater for any of their urgent legitimate requirements, a warden shall accompany/take them outside the campus once a fortnight, on Sunday for 3-4 hours.
- f) At the end of academic year or while leaving the institute, each resident shall handover the charge of his room with all furniture and fixture to hostel warden and pay the cost of all damages and shortage is detected in his her room. In case of non compliance a fine Rs. 250/- will be charged.
- g) Residents shall not use heaters or any other power appliance in their rooms.
- h) Use of alcoholic drinks or narcotic materials or gambling in any form is strictly prohibited in the hostel and institute premises. Defaulters shall be expelled from the hostel.
- i) Residents shall maintain decorum and dignity and shall not create any nuisance or disturbance for the neighbouring residents.
- j) Residents shall not organize any party, assembly or activity in the hostel without the permission of the Principal.
- k) Residents shall not invite any speaker to address a hostel meeting without the permission of the Chief Warden/CAO/Principal.
- l) Residents shall not remove newspaper, magazine, furniture, radio, TV or games-material from the common rooms or mishandle or damage them.
- m) Residents shall cooperate with the Warden and fellow hostellers and obey warden's instructions on all matters concerning hostel/mess.

#### **7. Problem Solving Committee**

The residents would form a committee of three residents who would discuss the problems related to hostel every fortnight with the Chief Warden /CAO / Principal with facts and possible suggestions so that reasonable solutions could be found to their problems.

#### **8. Rights of College Administration**

- a) On matters not covered by these rules, the discretion of Warden / Administration shall be final and binding.
- b) The college administration has full right to deny accommodation to any or all students at anytime in the overall interest of the college.
- c) The college administration reserves the right to change the rules and regulation in the overall interest of the college.

I have read & Understood the above

(Signature of Student)

(Signature of Parents)

**Chief Warden / CAO**



**JAIPUR ENGINEERING COLLEGE  
AND RESEARCH CENTRE**

Dear Students,

1. We welcome and congratulate you for seeking admission in this college. It is a fact that in this transitional phase you have left your school life and probably homely environment and would be entering into a new phase. Therefore, we would be more than willing to help you solving problems/difficulties, if any faced by you as a fresher and would extend all the necessary help.
2. To overcome the menace of ragging, college administration has already made plans for FRESHERS' induction and orientation, which promote efficient and effective means of integrating. These plans will be communicated to you by the office shortly.
3. Besides, we all would ensure that ugly scar of ragging is obliterated from the face of all educational institutions. Here, we would like to inform you that you may turn up to the following persons in case of any help/guidance in the most unlikely event of the so-called ragging.

S.No.	Name	Designation	Mobile Number
1.	Dr. UK Pareek	Chief Proctor	9785506667
2.	Ms. Ruchi Mathur	Proctor	9828159024
3.	Mr. Anshul Mittal	Proctor	9772620462
4.	Ms. Shruti Kalra	Proctor	9414371413
5.	Dr. M. P. Singh	Proctor	9414203639
6.	Dr. Anita Jain	Chief Librarian	9829230353
7.	Ms. Raj Pareek	Warden Girls Hostel	9982682911
8.	Mr. Ravi Bhatnagar	Transport Incharge	9024149459
9.	Sh. PK Gupta	Chief Warden/CAO	9982682475
10.	Sh. Ashok Sharma	Warden Boys Hostel	9982682914
11.	Sh. Aaizaz Khan	Assistant Registrar	9982682906

✓ **Prof. (Dr.) R. K. Mangal (Registrar)-9251039860**

4. You are instructed that you should desist from doing anything against your will even if required by the seniors and should not have any fear, as the institution cares for you and shall not tolerate any mischief against any student.
5. You are requested not to hesitate in seeking any help and guidance and to report any incidents of harassment, teasing etc., either as victim or even as a witness.

May I add that your college has always been ragging-free.

Wishing you a bright future in the college.

**Principal**

## LIBRARY RULES

### A. MEMBERSHIP

1. All the students of JECRC are members of the library.
2. Books will be issued only on presentation of the IDENTITY CARD.

### B. WORKING HOURS

1. The library will remain open from 8.15 to 8.00 pm. till further notice.
2. Issue and return services will be available between 8.30 am and 5.00 pm.

### C. PROCEDURE

1. Always-bring your "IDENTITY CARD" while you are in the library.
2. Keep you bags, file, books and other materials outside the library in the space provided.
3. Silence should be maintained while you are in the library. Please don't disturb the arrangement at your will.
4. Books will be issued for 14 days. The book should be returned to the library by the DUE DATE otherwise a sum of Rs. 1/- (Rupee one) per day per book will be charged as DUE OVER CHARGE.
5. Once issued the book will not be re-issued on the same day. If there is a demand from any other student, the same book will be retained and will be issued to that student.
6. Members can ask for a title not available in the library but required for academics work.
7. To recall any books before the due date.
8. REFERENCE BOOK'S DICTIONARIES, DIRECTORIES, PERIODICALS are not issuable. Members are expected to refer to the same in the library only.
9. Any damage done to the BOOK AND PERIODICAL replacement, the double cost will be charged along with a fine. Any kind of MARKING, WRITING OF NAME, FOLDING OF PAGES" will be treated as CAUSING DAMAGE".
10. The "RESERVE TEXT BOOK, REFERENCE BOOK" will be issued for reading room only on your identity care. If there is no reserve book please contact Librarian/Asstt. Librarian for help.
11. At the end of the session, every student should return the library cards before proceeding, failing which no new cards will be issued and a fine will be charged.
12. Students have to put their signature in the register available at the entrance of the library and show identity card. Without identity card, no entry will be allowed in the library.
13. Any student found not obeying the library rules and disturbing the library will be deprived of the library facility
14. Reader should observe strict silence inside the library.
15. User of mobile phone are not permitted in the library block.
16. A member who has lost borrower's token (I D Card) shall make a written report to the librarian, then original or duplicate library token will be issued on payment of Rs. 100/-.
17. Each student shall obtain No dues certificate from the library after returning all the books issued, surrendering the borrower's (I card) cards and after paying outstanding dues, if any.

**CHIEF LIBRARIAN**



**JECRC Foundation**

[www.jecrcfoundation.com](http://www.jecrcfoundation.com)

**19**  
Years of  
Nurturing Talent



**19 YEARS OF ACADEMIC EMINENCE**



**JAIPUR ENGINEERING COLLEGE  
AND RESEARCH CENTRE**

# JECRC Foundation

A PIONEER IN HIGHER LEARNING IN THE STATE OF RAJASTHAN, THE JECRC FOUNDATION IS REDEFINING THE ACADEMIC SPACE WITH RESEARCH ORIENTED EDUCATION THAT PUTS EXCELLENCE ABOVE ANYTHING ELSE.

The National Society for Education Research and Development (NSERD) was registered in the year 1999 in Jaipur with the major objective of providing quality education and research environment in Rajasthan. It established its first college, Jaipur Engineering College & Research Centre (JECRC) in Jaipur, in the year 2000. Encouraged by its splendid achievements and overwhelming public patronage, it ventured into establishing a second college, UDML College of Engineering (which is known as JECRC UDML College of Engineering) in the year 2007.

The JECRC Foundation, which is in 18<sup>th</sup> year of existence, is amongst the most reputed educational groups in Higher and Technical Education in North India which has 2 large campuses with 10,000 students enrolled as on date in various courses alongside engineering courses, the major chunk of the admissions being routed through JEE examinations. The engineering colleges are approved by the AICTE, New Delhi and are affiliated to the Rajasthan Technical University, Kota. The final year batch size passing out in session 2019-2020 is 2274 across all the courses.

These institutions have become the most sought-after institutions for admissions as evident by the REAP admission patterns. The JECRC Foundation has now become a brand name in professional education in Rajasthan. The Founders and the Society are now generally referred to as the JECRC Foundation. For diploma holders (LEEP) lateral entry is possible in the second year of the B.Tech programs. The intake equals 10% of the first year intake.

JECRC University was established in the year 2012 and is conducting Under Graduate, Post Graduate and Doctoral programmes in diversified fields (Engineering & Technology, Basic & Applied Sciences, Management Studies and Languages, Law, Agriculture, Journalism & Mass Communication and Hotel Management) and has also set up centers of research.



[www.jecrcfoundation.com](http://www.jecrcfoundation.com)

[www.jecrcuniversity.edu.in](http://www.jecrcuniversity.edu.in)



**For the Third Time in a Row**  
JECRC Foundation Produced

**THE HIGHEST NUMBER**  
Of **Microsoft Student Partner**  
Selected From A Single Group Of Institution In India.

11 Student from JECRC UNIVERSITY  
6 Student from JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

17

The program has participation from 600+ colleges including IITs and NITs.



# The College (JECRC)

JECRC Foundation ardently upholds the practice of self learning and intellectual growth, which are integral to education. Its premier engineering institute, JECRC holds a commitment to offer the highest standards of education with state-of-the-art infrastructure. Set up in 2000, JECRC has evolved as one of the top-class engineering institutions of the State. JECRC is the 'Preferred Engineering College' amongst aspiring students and draws meritorious students from around the country. This is evident from the fact that top performers in JEE have chosen JECRC during counselling.

JECRC offers B.Tech programmes in the following disciplines:

- Civil Engineering
- Computer Science & Engineering
- Electrical Engineering
- Electronics & Communication Engineering
- Information Technology
- Mechanical Engineering





**Dr. Vinay Kumar Chandna, Principal**  
 B.E., M.E., Ph.D. (D.C.E.)  
 Sr. Member IEEE, LMISTE  
 MIEEE Education Society  
 Level-5, Leadership and Management, CMI London

### Vision

To become a renowned centre of outcome based learning, and work towards academic, professional, cultural and social enrichment of the lives of individuals and communities.

### Mission

- Focus on evaluation of learning outcomes and motivate students to inculcate research aptitude by project based learning.
- Identify, based on informed perception of Indian, regional and global needs, areas of focus and provide a platform to gain knowledge and solutions.
- Offer opportunities for interaction between academia and the industry.
- Develop human potential to its full potential so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.

### Principal's Message

Jaipur Engineering College and Research Centre (JECRC) Jaipur is recognized as one of the best technical institute in the Rajasthan, and is adopting the process of change that demands quality outcome based education. The vision of the institute is to become an institute of excellence in imparting outcome based education, providing facilities to the students to get placement in reputed companies, providing a platform to the students for overall self-development that includes ethics and moral values, while developing research aptitude through project based learning.

In the process of implementing Outcome Based Education (OBE), the faculty members are measuring the progress and competencies of students as they go through a course in each semester and are being assessed against pre-defined targets.

Engineers are the wealth of the nation and excellence in all disciplines is the present requirement of the country, for sustained economic growth to compete globally. Nearly seventeen years ago, the founders of JECRC embarked on a journey to educate and nurture the finest engineers. It gives me immense pleasure to share that JECRC is contributing to the growth of the nation by providing outcome based education to their students and nurturing them to compete at a global level.

The faculty and technical staff members are committed to cater professional as well as research driven project based learning to the students, and accordingly the teaching-learning process is tuned so as to fulfill their career growth in the prevalent emerging technology. Different programmes have resulted in overall growth and penetration of students in varied dimensions, be it research, innovation, entrepreneurs, educationists or even as sports person and bureaucrats etc.

With the support of qualified, dedicated and hardworking faculty, the institute has achieved enviable ranking in a short span. I have no doubts that with this pace, the institute will relentlessly march ahead of other eminent institutes at the national level. Let's give our best and make this institute a modern temple of outcome based learning through our diligence, devotion and dedication.

All the credit goes to the outstanding reputation and dedication of the institute for all these years, under the able guidance of visionary Shri Amit Agrawal and Shri Arpit Agrawal, Directors of the JECRC Foundation.

Wishing you all the best!



# Conferences at JECRC

## ICRITDME-2019 (2nd International Conference on Recent Innovations and Technological Development in Mechanical Engineering-2019)

The 2nd international conference organized by Department of Mechanical Engineering on Recent Innovations and Technological Development in Mechanical Engineering, in association with the IJSER, GJEIS & Indian Foundry Organization (IFO), on April 5-7, 2019 at Jaipur Engineering College and Research Centre, Jaipur. The idea was to provide a common platform for researchers to learn and explore different dimensions with the motive to find solutions for the common good of the society. Innovations are new idea, device or process. Innovations are the application of better solutions that meet new requirements, unarticulated needs or existing market needs. It is proficient through more effective products, processes, services, technologies or new ideas that are readily available to markets, governments and society. Innovations are something original and novel, as a significant, new that breaks the market or society.

India is a country of traditions. Following the culture and rituals, the conference was inaugurated with the lightening of the lamp to seek blessings from goddess saraswati. The conference was graced by the presence of guests from different parts of the country and abroad.

Total Papers Received	268
Papers shortlisted	97
Outside Papers	38
Selected papers published IJSER and GJEIS Journal of Mechanical Engineering.	

## ICCOMET-2019 (International Conference on Communication, Optical & Microelectronics: The Emerging Trends)

The ECE department of Jaipur Engineering College and Research Centre organized an International Conference on Communication, Optical & Microelectronics: The Emerging Trends, in association with IETE, Student Chapter OSA, IJSER and IJERT on April 5-7th, 2019. The status of the participants and number of papers are as under:

Total number of papers received	253
Total papers short listed	84
Outsiders (Research Scholars)	16
Outsiders (Academicians)	22
Internal (Faculty Members)	35
Students as participant	11

Inaugural session was organized on 6th April, 2019.

Guests of honor at Inauguration were: Dr. Raphael A. Guerrero, Acting Dean School of Science and Engineering, Quezon City, Philippines. Prof. Raphael delivered his keynote talk on "Elastomeric diffraction gratings and volume holography of Bessel beams". Dr. Ghanshyam Singh, Professor, and Dr. Ashish Ghunawat, Assistant Professor, Electronics and Communication, MNIT, Jaipur also delivered talk in areas of communication and optics. The other eminent guest in the Conference were Prof. Dilip Sharma, MNIT, Jaipur. Shri Giriraj Maheshwari, Shri Anil Pilania, Shri Ashok Kumar Agarwal, Associate Professor, MNIT Jaipur, Shri Ravi Soni, Deputy Manager, Research & Development, Genus Power Infrastructures, Ltd.

## ICITDA-2019 (International Conference on Information Technology and Digital Applications)

The 2nd International Conference on Information Technology and Digital Applications (ICITDA-2019) was organized by Department of Information Technology JECRC, Jaipur on 5th-7th April 2019. It was technically supported by BJIT-Published by Springer Nature and IJAC Journal. Inauguration was graced by our honourable guests Shri Anil Pilania, Senior Manager, Salesforce Consulting Services, Appiro Jaipur, Dr. Raphael Guerrero, Acting Dean School of Science and Engineering, Quezon City, Philippines, Prof. Dilip Sharma, Head of Department, Mechanical Engineering, MNIT, Jaipur., Shri Giriraj Maheshwari, Senior General Manager

(Marketing), National Engineering Industries, Shri Ashok Kumar Agarwal, Associate Professor, Electrical Engg. MNIT Jaipur. The conference was designed to meet and discuss with the academicians and researchers to meet the practical solutions, scientific results and technological developments in solving various problems with people who are actively involved in emerging research fields.

We were also honoured to have Prof.(Dr.) D. P. Sharma Designated Professor (Online Courses), UOP (Affiliated to United Nations & Recognized by DEAC)-USA, Dr. Abhimanyu Garhwal Ph.D. Postdoctoral Research Fellow at Massey University, New Zealand, Dr. Manimurugan Shanmuganathan Assistant Professor, Department of Computer Engineer, Faculty of Computer and Information Technology, University of Tabuk, Saudi Arabia, Mr. Jalaludeen Khan Project Manager, Advanced Electronics, Saudi Arabia as keynote speakers.

To guide the authors & fertilize the raw brains of young talents with their experience we invited to chair the session Prof. (Dr.) Naveen Hemrajani Professor & HOD, Computer Science and Engineering JECRC University, Dr. Lokesh Sharma Assistant Director (Quality and Compliance) & Assistant Professor Department of Computer Science and Engineering Manipal University, Dr. Gajendra Rajawat Professor & Principal Stani Memorial College of Engineering and Technology Jaipur Rajasthan, Dr. Bharbhushan Jain Professor & Principal JEC Kukas Jaipur Rajasthan, Dr. Ashish Sharma Professor AT IIIT Kota Rajasthan, Dr. Garima Mathur Professor & HOD ECE Department, Poornima College of Engineering Jaipur Rajasthan, Dr. Saroj Hirewal Professor & Pricipal Rajasthan Institute of Engineering and Technology, Jaipur Rajasthan, Dr. Sylvester Fernandes Co-Founder and Lead Instructor Forsk Technologies, Mr. Yogendra Singh Co-Founder and Lead Instructor Forsk Technologies. After presentation each author was awarded certificate of participation from our eminent academicians/session chairs. ICITDA-2019 Received 343 papers and after reviewing and scrutinizing we selected 102 papers for oral presentation.

## ICSPR-2019 (International Conference on Smart Grid, Power Electronics & Renewable Energy)

A three day International Conference on Smart Grid, Power Electronics & Renewable Energy ICSPR -2019 was organized by the department of Electrical Engineering, JECRC on 05th -07th April 2019. In his keynote address Mr. Ashok Kumar Agarwal, Associate Professor MNIT, Jaipur discussed the various issues on "the importance of Smart Grid, Power Electronics and Renewable Energy Sources in the present scenario".

The conference was divided into five sessions.

First session was chaired by Dr. M.P. Sharma, (PhD, MNIT, Jaipur) A.En. RVPNL, Jaipur and Mr. Ashok Kumar Agarwal, Associate Professor, MNIT, Jaipur. Ten papers were presented by the delegates in this session.

Second session was chaired by Dr. Mukesh Gupta, Professor S.G.V. University, Jaipur, India. Nine deliberations were there on different topics covering the theme of the conference. The delegates from Vansthali Vidyapith Tonk, RTU Kota, Rajasthan and different parts of India participated in this conference. On the next day on April, 07 2019, Third session was conducted and Mr. B.S. Jha (M. Tech and former S.E. RVPNL, Jhalawar) Rajasthan was the session chair of this session. 09 papers were presented in this session. Following which, fourth session was conducted and it was chaired by Mr. Atul Kulshrestha and Mr. B. S. Jha followed by valedictory session. Nine papers were presented in this session.

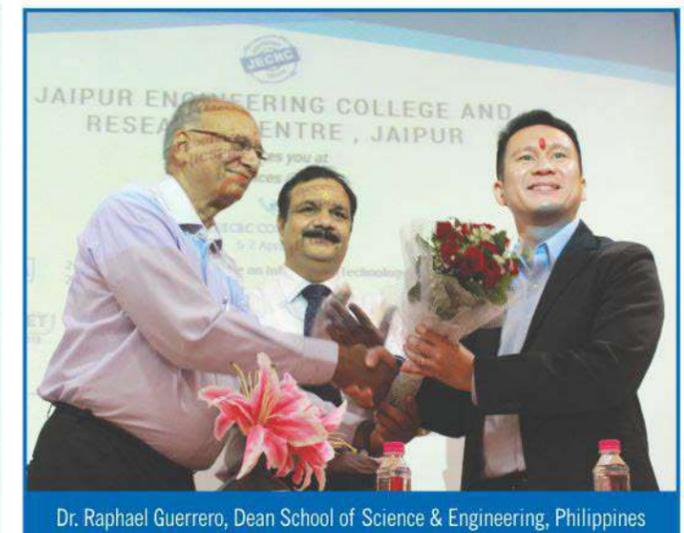
The conference concluded with valedictory session wherein the certificates were distributed to all the participants. The conference proceedings will be published in International Journal of Scientific and Engineering Research IJSER Delhi with ISBN: 978-93-5260-275-9. Total Paper received in the conference was 87 & the presented papers were 37.



Mr. Girraj Maheshwari, SGM, NEI



Prof. Dilip Sharma, MNIT



Dr. Raphael Guerrero, Dean School of Science & Engineering, Philippines



# Smart India Hackathon, Grand Finale at JECRC

Innovation and entrepreneurship are at the peak in India. In order to make development a comprehensive mass movement and innovate on all fronts, MHRD, AICTE, i4c and Persistent Systems have come together to organise Smart India Hackathon (SIH) 2019 - a unique Open Innovation Model for identifying new and disruptive technology innovations to solve the challenges faced in our country. It's a non-stop product development competition, where problem statements are posed to technology students for innovative solutions. The first two editions SIH2017 and SIH2018 proved to be extremely successful in promoting innovation, out-of-the-box thinking in young minds, especially engineering students from across India. To reiterate the efforts towards our PM's vision, all together proposed the 3rd edition of this initiative – Smart India Hackathon 2019. Smart India Hackathon 2019 is being organized and had 2 sub-editions – Software as well as Hardware.

18+ union ministries and departments and 95+ Corporates had joined this grand initiative, making it much bigger than the previous edition. Smart India Hackathon 2019 is a non-stop digital product development competition, where 350+ problems are posed to technology students for innovative solutions.

In SIH 2019, the students would also have the opportunity to work on challenges faced within the private sector organisations and create world class solutions for some of the top companies in the world, thus helping the Private sector hire the best minds from across the nation.

JECRC was one of the only 48 Nodal Centres including IITs and NITs from all over the country to have been shortlisted as the nodal centre for conducting the Grand Finale of Smart India Hackathon 2019. JECRC has been given the problem statements of Ministry of Culture, Ministry of Power, Hero Electric vehicles and Tata Motors. Over 300 participants of 32 teams and 30 subject experts, judges and technical officers from all over the country came to JECRC campus.

Minister HRD, Shri Prakash Javadekar invigorated the contenders via video conferencing at the inaugural ceremony from the nodal centre JECRC University, Jaipur. Shri Javadekar, addressed 11,000 innovators at 48 centres in 42 cities across the nation. It was great and proud moment in the history of JECRC to listen to honourable minister and share experiences with them. While addressing the gathering of students he said that "The young minds of the participants, brainstorm problem statements to seek innovative solutions. We will find our solutions and will lead the global community in innovations". He congratulated all the participant teams as well as Nodal Centre for successful organization of SIH 2019.

There were total 8 problem statements of Ministry of Culture, Ministry of Power, Hero Electric vehicles and Tata Motors for which 32 teams from all over India participated to provide their real solutions. The teams were accompanied by their mentors from industry. Teams from all over India congratulated JECRC team on such a successful event. They also appreciated the communication which was established with them prior to the main event as all the important information was communicated to them well in time.

The AICTE representatives, along with the judges and Nodal Officer, mentored the students for their respective problem statements in various mentoring/training sessions on 2nd and 3rd March. These teams were evaluated by a total of 30 judges from the Ministry as well as renowned software companies. Hon'able Prime Minister Sh. Narendra Modi himself spoke to the participating students and organizers at all 28 nodal centres expressing his faith in the long terms benefits of this nationwide technological revolution.

The two-day schedule included a lot of recreational activities for the participants as well like Yoga Sessions, Zumba Dance Sessions & Red Bull Hour. These participants were provided lodging facilities within campus the in hostels of JECRC. More than 80 students of JECRC and around 50 faculty members were part of the organizing team that made this event possible. This event witnessed a footfall of many senior government officials and AICTE officials.

The valedictory session was graced by the presence of Mr. Rohit Jhamb, Vice President-HR, Accenture. He congratulated all the participant teams as well as Nodal Centre for successful organization of SIH 2019.

Over 80 students and all faculty members of JECRC took the responsibility for the successful execution of this national mega event. JECRC Team worked very hard with full sincerity, dedication, devotion and coordination to make this event successful.

Further, 10 teams from JECRC were also shortlisted to participate in SIH 2019 for different ministries at different nodal centres. Also ministries and Corporates have approached teams from JECRC to have internships with them, for at least one year and develop their solutions into workable models.



Mr. Prakash Javadekar, Union Minister



# Events & Workshops

- TCS Contest Promotion Roadshow was conducted at JECRC by Mr. Amit Johri, Regional Head, HR, North India & Ms. Akanksha Sachdev, Lead, Campus Recruitment, TCS.
- Four International Conferences were organized simultaneously by departments of Electronics & Communication Engineering, Electrical Engineering, and Information Technology & Mechanical Engineering on April 6th–7th, 2019.
- J-Techtrix 4.0, the annual project expo of JECRC was organised on 5th April 2019 in which more than 150 student projects were showcased.
- The 8th edition of JECRC MUN was held in March 2019. This year, we simulated six committees GA-DISEC, UNSC, UNHRC, Lok Sabha, and Emergency Prime Minister's Meet along with International Press.
- An awareness session on importance of voting was conducted by official of Election Commission of India at JECRC in March 2019.
- The annual techno cultural fest of JECRC, Renaissance was conducted from 16th to 19th March 2019. Renaissance was preceded by Zarurat-Celebrating Innocence, the annual social service event and Sports Week.
- Department of Electronics & Communication Engineering & Optical Society of America-JECRC Chapter jointly organised a national conference on Recent Advances in Communication, Optics & Nano-Science.
- Department of Computer Science organised a national conference on Contemporary Issues in Computer Technology in March 2019.
- Department of Mechanical Engineering organized a two day National Conference on Futuristic trends in Mechanical Engineering in March 2019.
- As a remembrance of Pulwama attack martyrs, a tree plantation drive was conducted at JECRC by the social service group, Soch in March 2019.
- The student chapter of ACM was established at JECRC by the department of Information Technology.
- JECRC Foundation in association with CARS (Community Action for Road Safety) organized a seminar on Road Safety. The occasion was graced by Sh. Anand Verdhan Shukla (Retd. IGP), Sh. Vinod Haritwal (Secretary CARS) and Sh. Rajkumar Sharma.
- The grand finale of Smart India Hackathon organized by MHRD, Govt of India was held at JECRC on 2nd-3rd March 2019. JECRC was among the only 48 nodal centres selected in the country for this event wherein 32 teams from all over India came to participate in a 36-hour nonstop coding competition.
- A felicitation ceremony for the SDP donors and female donors of social service group Aashayein was organised in February 2019 in which IAS, Dr. Naveen Jain, Secretary, Skill, Labour and Employment Department and Retd. Capt. G. R. Choudhary, Indian Army were the guests of honour.
- An AMAZON WEB SERVICES (AWS) seminar was conducted in Department of Information Technology in which cloud computing and cloud service models, importance of AWS and its global infrastructure were thoroughly discussed. Mr. Sanjay Sharma who has more than 18 years of experience with reputed companies such as Tata Honeywell, NIIT Ltd, CDAC-ATC etc. conducted the seminar.
- A two day workshop on Digital Marketing was conducted at JECRC in February 2019. The expert, Mr. Abhay Ranjan has vast experience in the field of Google Analytics, SEO, SMO, Content Marketing etc.
- An interactive session on big data and data science was conducted by ATCS (Advanced Technology Consulting Service) focused on the automotive and healthcare sectors in February 2019.
- An interactive session with Mr. Rajat Bhattacharya, Head, Northern India HR & Government Unit HR, TCS was conducted at JECRC wherein he discussed the placement opportunities at TCS.
- An Entrepreneurship Awareness Camp was organised in February 2019 at JECRC by JECRC-RTBI & Laghu Udhog Bharti with the aim to apprise students with the current business ecosystem.
- The 70th Republic Day was celebrated at JECRC on 26th January 2019.
- A two day workshop on Python was conducted by Code Planet Technologies at JECRC in January 2019. Mr. Parth Darak, Founder & Director and Mr. Chandrapal Singh Deora, Co-Founder, Director & Training Head of Code Planet Technologies, Jaipur.
- An ICT Based Short Term Course (STC) on "Web Application Security Audit" in association with NITTR, Chandigarh was conducted at JECRC in January 2019.
- National Girl Child day celebrations were held at JECRC by the social service group Suhasini on 24th January, 2019.
- A massive blood donation camp was organised in October 2018 at JECRC Foundation in which 1578 units of blood were collected.
- International Day of Girl Child celebrations were held at JECRC in October 2018 wherein FICCI FLO Chairperson, Ms. Nitasha Chordia & Co-Founder, Pratham Software, Ms. Sumeeti Mittal were the guest of honour.
- 5000 students and staff members of JECRC Foundation participated in the third edition of Vande Mataram-Voice of Unity event organized HSS Foundation on 6th October 2018 at Rajasthan College.
- The 150th birth anniversary of Father of the Nation, Mahatma Gandhi was celebrated at JECRC with much pomp and show. Various cultural events were organised on this occasion.
- Self-defence classes were conducted for female students of JECRC in the month of September 2019 by the Women Connect Cell in which senior officials of Rajasthan Police trained the students.
- The first edition of JECRC Intra MUN was conducted in September 2018.
- Engineers' day celebrations were conducted in all departments of JECRC on 15th September 2018.
- An Expert Talk on Development Vs Crime against Women was conducted at JECRC. Mrs. Pushpa Satyani, Joint Secretary to Govt. Technical Education Deptt. Jaipur and Dr.Kirti Sharma, OSD, Higher Education, Governor Secretariat, Jaipur were the guests for the event.
- 72nd Independence Day was celebrated at JECRC on 15th August 2018.
- Free female hygiene products were distributed at JECRC to all female students and staff. This event was organised in association with P&G.
- The two day induction program for the incoming students of Batch 2018-22 was conducted at JECRC in August 2018. Four of our exceptional alumni were also decorated on this occasion.
- Pratikriya-a smart feedback analysis and Management Application, a product from alumni startup was launched at JECRC by Dr. Ashok D. Jethva Assistant Commissioner of GST and Customs, Govt. Of India.
- An industrial visit to Jaipur Metro Rail Corporation was organised by department of Computer Science Engineering at JECRC in July 2018.



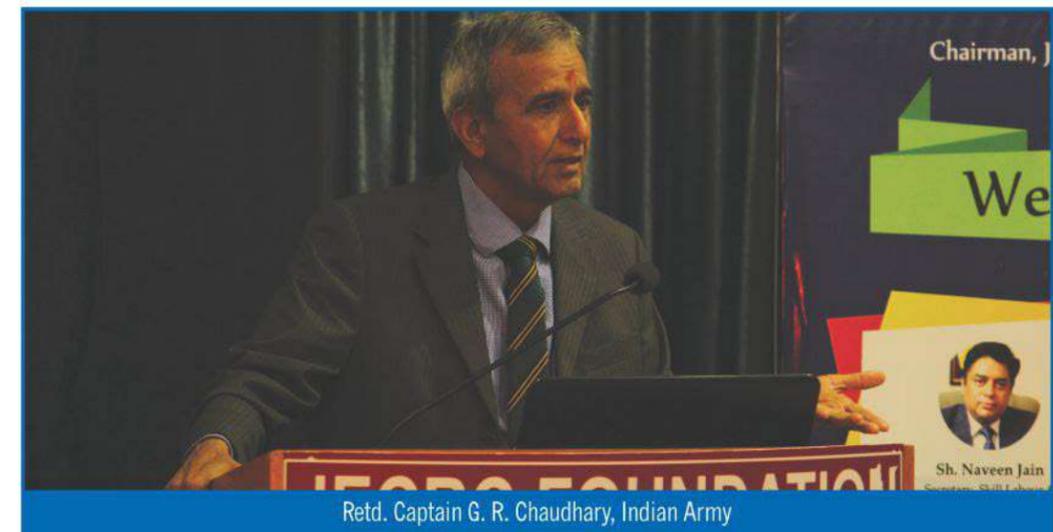
Wg. Cdr. Soban Bisht, Global HR, Pinnacle



Dr. Naveen Jain, IAS



Mr. Rajat Bhattacharya, HR Head, TCS



Retd. Captain G. R. Choudhary, Indian Army

# Achievements

## Students & Staff

- Anushree Sharma student of final year ECE made a new world record of reciting values of square root TWO for most decimal places as she broke the previous world record. She recited 6002 values of square root TWO after decimal in one attempt.
- Akshat Khandal broke the previous world by reciting values of Euler's Constant (e) for most decimal places. He recited 10000 values of Euler's Constant (e) after decimal in one attempt.
- Vardaan Bhalla, 2nd year, ECE student wrote & composed a Bollywood song that was sung by Ravindra Upadhyay & Hritisha Rewadia.
- Naveen Jangir, a student of CSE branch, got shortlisted as a member of Students Development Club of Google International. Only 172 students from all over India have been given this recognition.
- Ruchika Badesra, student of 2015-2019 ECE branch, has cleared CAT exam with 99.18 percentile.
- Vidushi Gaur, student of 2015-2019 ECE branch, has cleared GATE 2019 exam with 99.27 percentile and secured 777 All India Rank.
- Vaishali, Kanad Meena, Ravinder Singh, Mahendra Singh and Tanu from I Year received first prize in various sports in the sports meet of Jaipuria institute of management.
- Sakshi Goswami from I Year got first prize in open mic competition at IIT Jodhpur
- Nikhil Pareek from I Year got to participate in All India NIT students' summit organized by Akhil Bhartiya Vidhyarthi Parishad.
- The dramatics club of JECRC, Face & Footlite won the street play competition at BITS Jaipur.
- Ritik Jain from I Year was awarded as campus ambassador of VIBRANCE 2019 organized by VIT Vellore.
- Manish Choudhary from I Year successfully completed Eleation's Ansys Level-1 course.
- Tanay Vijay & Harsh Vardhan scored 3rd position in National Electric Cart Championship 2019 in Bhopal organized by Credible Future India Pvt. Ltd.
- Saurabh Gupta, a student of ME branch, got 1st and 11th positions in Badminton Championship in LNMIT (21st Feb to 23rd Feb, 2019) and SKIT (Feb, 25-27 Feb, 2019) respectively.
- The Volleyball Team of JECRC participated in the sports fest of Jaipuria Institute of Management and stood 1st runner up.
- Tarun Dubey, 2nd Year student of ME branch is exploring his interests in the field of Stand Up Comedy and has won many awards at various open mic & stand up competitions in Jaipur region.
- Aditi Gupta, Diya Sharma and Shubhada Agarwal, 2nd year students from Mechanical Engineering Department won the 3rd prize in National Welding League of Women Students National Competition conducted in collaboration with AICTE, IIT and M/s Fronius in C.V. Raman College of Engineering, Bhuvneshwar.
- Team Moonriders, JECRC won the AUTOCROSS and lightweight title in NEKC Bhopal during 24-31st March-19 for their first ever Electrical Go Kart design.
- ABV-IIITM, Gwalior, organised its annual techno-cultural fest, in February 19. The main attraction of the fest were robotic and drone events. Team Xananoids of JECRC also participated in the robotic events named blazing wheels, course chaser, mini-war, and robo soccer. The team secured 2nd and 3rd position in mini-war, 2nd and 3rd position in course chaser and 3rd position in blazing wheels. In robo soccer, the team reached quarter-finals.
- Rajasthan Student Startup Exposure Program (SSEP), an initiative of Department of IT, Government of Rajasthan, with the vision to create a pipeline of young entrepreneurs in the state, selected 100 students from all over India, out of which, 9 were from JECRC Foundation. The

selected students travelled on an all-expenses paid trip to the Silicon Valley, US for a two week programme where students were hosted by Menlo College in Menlo Park, Silicon Valley.

- A hackathon event was organised at SKIT, Jaipur in February 2019. Out of 126 shortlisted teams from different colleges of Rajasthan, 12 teams were from JECRC. Team AVENGERS from Department of Computer Science & Engineering, JECRC stood First Runner-Up. 3rd year students Abhishek Mohata, Dhairya Gulgulia, Abhilash Tiwari from team AVENGERS developed E-Attendance System using technologies such as Machine Learning, Python, SQL etc.
- #CodeItChallenge, an online coding challenge was conducted by CodeForVision where second year students Jayesh Joshi and Piyush Bohra from Department of Computer Science & Engineering won first position.
- Team CodeForVision was selected for the Grand Finale of most renowned Hackathon- Smart India Hackathon (SIH) and stood as a runner-up at GITS, Udaipur. The problem statement was based on the simulation model to optimise the packaging cost and to prevent the damage of food products during supply chain. The team includes Namandeep Singh (Leader), Yukti Goswami, Soumil Khandelwal, Mridul Upadhyay, Samyak Jain, Akshit Ostwal (3rd year students) along with mentor – Mr. Anoop Mehta, Assistant Professor, Department of Computer Science & Engineering.
- The girls' cricket team of JECRC were winners of the cricket tournament in the 7th National Sports Meet'19 held during Feb'19 at Jaipuria Institute of Management.
- Dr. Nilam Choudhary, Associate Professor, Department of Computer Science and Engineering attended 84th International Research Awards in Engineering Science & Management during Oct. 5th- 6th, 2018 at Bangalore and received Certificate of Achievement as a Women Researcher Sciences
- Dr. Neelam Chaplot, Dr. Bhavna Sharma, Mr. Ankur Raj and Mr. Geet Kalani from Department of Computer Science and Engineering received award in "Appreciation for fostering an ecosystem bridging Government, Industry and Academia" from DST and Texas Instrumentation for mentoring students in "India Innovation Challenge Design Contest 2018".
- Dr. Sanjay Gaur Associate Professor of Department of Computer Science and Engineering has received award of appreciation in International Conference on Information Communication Technology held in Panji-Goa organized in association of Springer International.
- Team Kryptonite of IT department at JECRC, won the RTU-SKIT Hackathon. Team Krypton developed an Android app which can verify details or KYC of the users with the help of facial recognition. Team members included, Mohit Shah, Md. Rameez Raja, Akshita Rawat & Ayush Khandelwal.
- Vishal Gupta of Department of Electrical Engineering, won the rattle bots event at MNIT Jaipur in September 2018.
- Anant Sharma of Department of Electrical Engineering, won the blow beast event at JK LakshmiPat University, Jaipur in October 2018.
- Shaswat Tripathi, a 3rd year student of Electrical Engineering was the 2nd runner up of Jaipuria Quiz League 2018.
- Dr. Vijay K Gali & Dr. Prerak Bhardwaj were awarded Ph.D degree from MNIT, Jaipur.
- Mr. Shailendra Shrivastava, Mr. Vishal Sharma, Mr. Ashok S. Chundawat, Mr. Gopal Tiwari & Mr. Ram Singh had their papers published in International Journal ISST-JEEE, ISSN 0976-7363
- Dr. Nilam Choudhary was honoured with Mrs. Education Icon 2018 award by Dr. Jagannath Patnaik, Jury Member of Ms/Mrs/Mr Education Icon 2018 Contest in Mumbai in December 2018.



# Training and Placement

## A Strong Foundation for a Brighter Future

With a strong industry connect; JECRC foundation has a proven track record of conferring excellent campus placements and industrial training to the students in many reputed industries. JECRC builds a solid foundation in terms of knowledge and personality for its students to perform consistently and excel at every stage in their career. At the end of the sixth semester, students are sent to industries for industrial training of 60 days to get them hands-on experience of what awaits them in a professional environment. Along with this, specialized coaching sessions are conducted for a month to prepare students for the aptitude tests, group discussions and personal interviews.

JECRC has consistently maintained its excellent track record of placements. We have been attracting reputed IT Companies viz., Accenture, Capgemini, IBM, Mindtree, TCS, Deloitte, HSBC Software, MTX, Sopra Steria, Zycus, Newgen Software etc. More than 70 companies have visited and made 735+ offers out of which more than 9 companies have offered a package of more than of. 6 Lacs. The average and highest package rolled out are Rs 3.6 lacs and Rs. 10 lacs p.a. respectively, across the sectors like Research Software/Technology, IT/TeS, Manufacturing, Power & Energy, Real Estate, Finance, Management, Product Development, Automobile, Academia, Hospitality and many more.

## CORE Industries

This year again JECRC has proven its worth by inviting giants from the Core Sector and made a different stand, as these companies mostly visit IITs and NITs only

Core Companies like Mahindra & Mahindra, FEV, Pinnacle, J.K. Cement, GR Infra, Bridgestone Tyres, Ericsson India, ZS Associate, Ashiana Housing, FL Smidth, Liugong India Pvt Ltd, Tractors India Pvt Limited, Tata Technologies Ltd. are few top reputed core companies who have considered our college students and visited us to recruit them.

## Internship / Training Opportunities by College

JECRC is not only committed towards the best placements for its students but also, gives due importance to the internship and training vertical for the pre-final year students. Considering this fact, the JECRC Foundation, has taken another initiative this year by establishing a new cell that functions for bringing internships to pre-final year students. This vertical dedicatedly works for finding new internship opportunities for the students, bringing the best possible opportunities for its budding engineers.

Soft Skill Training Specialized soft-skill classes, personal interviews and technical sessions are organized to prepare students for campus placement. A dedicated faculty has been separately assigned the intricate task of developing communication skills right from the first semester. As a result, in the previous year almost all of our students got placed in reputed companies through campus placements.

## Industry Specific Learning:

We provide intensive training to our students on emerging technologies like AI, IOT, Machine learning, Embedded systems, Salesforce, RedHat Linux in addition to their regular curriculum to prepare them for the Industry. Many of our Pre-final year students have taken training on live projects and are getting certified in these technologies. Also we encourage our students to participate in Hackathon, a problem solving competition and motivate them to participate in Smart India Hackathon, an event organised by MHRD every year. JECRC Foundation was centre for two Ministries for Smart India Hackathon in the year 2017, and in 2018 it was chosen as Centre for the Information and Broadcasting Ministry. JECRC University was centre for the Ministry of Power, Ministry of Culture, Hero Electric Vehicles and TATA Motors this year.

## Outset Group:

The institution believes in holistic development of the students and avails all available resources towards the achievement of 100% placement. JECRC Management has taken a unique initiative of starting a vertical exclusively for placement of students with less than 60% marks and many backlogs. This group works for providing training, motivation and opportunities to students who face difficulties with campus placement. With the untiring efforts of this group about 140 students have been placed in good companies with an average package of 2.1 LPA and maximum package of 5 LPA.

## Technical Contest Participation:

JECRC students are regular participants in a various contest organized by companies, from time to time. Some of them are national and state winners in which they have also won internships opportunities and job offers. We always motivate and encourages students to participate in these events.

- TCS Next Step Contest such as Ninja, Code Vita, EnginX, Testimony & DISQ: Around 56 students from JECRC Foundation were able to grab offers from these contests at high packages up to 7 LPA.
- Microsoft Imagine Cup: 3 of the JECRC students were able to reach to the final round (nationally) of Imagine Cup conducted by Microsoft Corp.
- LnT TechGium: 4 teams from JECRC Foundation were called to Mumbai, Corporate Office of LnT for Final Round of Presentation.
- Other Contests: Students of JECRC have also participated in other contests conducted by reputed companies like Sapient, Mindtree, TATA Motors, Google, Deloitte, SAP, Shell etc to showcase their innovation skills.



# IAESTE LC JECRC

IAESTE is an independent, non-profit, non-political and non-governmental international association that deals with the exchange of students for technical experience. Student pursuing technical education (particularly in science, engineering and the applied arts) are provided with opportunities to apply for paid, course-related, training abroad. With over 80 countries involved and exchanging over 7000 job offers search year worldwide, it is the largest organization of its kind in the world, affecting around 3,35,000 students since its inception. IAESTE provides students with a unique opportunity to gain relevant technical training that lasts from 4-52 weeks. IAESTE India LC JECRC is the flagship student exchange programme of JECRC Foundation running from the past 4 years. Till date 116 of our students have benefitted through the exchange programs at IAESTE JECRC.

## Our Corporate Collaborations



JECRC stands accredited by Tata Consultancy Services for recruitment purposes. We are active members of AIP. We make sure that all our students are members of Campus commune and participate in all competitions and activities under it. Our students have participated in highest numbers among colleges across North India in all activities under campus commune such as Code Vita, Testimony, ENGINex, DISQ etc. Many students get selected through these competitions. Ten of our students have been selected for the DISQ Program of TCS. Many of our students have been selected for remote internships also and later to the company because of excellent performance during their remote internships.



Ericsson conducts Telecom Essential Training for students under Career Connect program. Experts from telecom industry train 50 students in a batch every year in telecom domain. Students are trained about mobile networking, present and future technologies in the field of telecom. The training also covers fundamentals of internet through mobile. The real-life problems and solutions to the problems, shared by the industry experts add to skills and knowledge of students beyond the learning from books.

After the training students have to appear for the test to get certified for the training. The training has helped students during the recruitment by the telecom companies. This resulted in recruitment of about 20 students from JECRC.



Pinnacle InfoTech organizes specialized training in CAD, CAM, BIM Technology etc for our students at JECRC. This has resulted in recruitment of about 100 students from JECRC Foundation. This year Pinnacle Infotech has chosen JECRC College as Corporate Training Centre not only for JECRC students but for students selected from other colleges of region too. All the offered candidates have undergone in 2 months rigorous training by their domain experts.



First Microsoft Innovation i-spark centre in Northern India. Microsoft Ed-Vantage: JECRC Foundation is a Platinum level member of Microsoft Ed- Vantage Program. This program facilitates students through technology sessions and workshops by experts along with offering opportunities for internships and employability to the bright students. A good number of our students are certified as Technology Associates, Office Specialists as well as Solution Associates & Developers under this program. Apart from this, our faculty members have also marked their presence on Microsoft Educator Network as Innovative Faculty, 2015 and are able to publish their work on their portal.



IBM has established software centre for excellence fully equipped with IBM Technologies software, courseware and other educational resources. We have conducted many training programs on IBM tools. Many students are getting certified on these tools every year. Faculty members have been trained on Rational Unified process tools and they in turn impart training to students. Our students have been taking part and winning prizes in "The great Mind Challenge "contest organized by IBM.



JECRC University has entered into an Exclusive Partnership with ADOBE to offer Digital Proficiency and Creativity skills using Adobe Spark. This initiative would be a part of Adobe's national program 'Adobe Digital Disha'. JECRC University is the first institution in Rajasthan to get into a partnership with ADOBE. Under this exclusive partnership, JECRC University shall get:

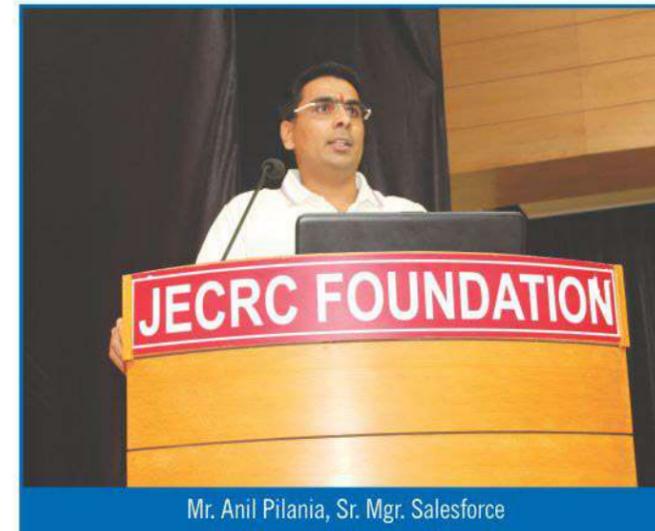
- Hands-on sessions from ADOBE Experts
- Joint certificate for faculty/students from JU and ADOBE
- Project Competition Winners awarded by ADOBE in a Grand Ceremony
- Artificial Intelligence platform ADOBE Sensei
- Free Licenses of Adobe Spark

Soon, a project competition shall be started by Adobe, wherein students will be given one problem statement that is to be solved using ADOBE Spark. The top 10 Project Solutions from the University will be awarded by ADOBE in a Grand Ceremony.



JECRC University has entered into an academic alliance with UiPath, which is a leading company in the field of Robotics Process Automation. UiPath has it's headquarter in New York and offices in 29 countries.

Robotics Process Automation is the latest technique of Artificial Intelligence in which intelligent Software Robots are created. Under this partnership, UiPath shall render training and capacity building workshops to the students and teachers of JECRC University. Also, University envisages to run the course of Robotics Process Automation, which has been designed by UiPath into four layers, as an elective subject for the students of fifth semester. This will enable the students to create robots of their own. JECRC University is the first University in Rajasthan to have a tie up in the field of Robotics Process Automation. Further, as several IT giants are making huge investments into this field, millions of job will be available for the Robotics Process Automation professionals in the coming years.



Mr. Anil Pilania, Sr. Mgr. Salesforce



Mr. Lokendra Singh, Tax Asst. GST & Customs



# The JECRC Advantage

## Cultural Fest- Renaissance

The national level techno cultural fest of JECRC, Renaissance has made a niche for itself among all colleges in the region. It's the second largest college fest of Rajasthan organized every year in March and witnesses a footfall of more than 6000 students from top colleges from across the country. Renaissance provides a versatile platform for all students to learn and explore the various dimensions of their personality and showcase their talent. It invites students from all around the globe to put their inventiveness, ingenuity and aptitude to test. Our flagship events like Aadaa(Fashion Show), Bootstrapping(Choreo Night) & Robo War are much talked about properties in the college circuit of the region. Renaissance also provides unmatched learning and exposure to the organizing team of students in the form of team work, pressure handling and product sale and promotion. This year all robotics events in Renaissance were conducted using poly carbonate sheet and steel base which was done for the first time in Rajasthan. In past we have witnessed notable celebrities visit our college during Renaissance. Lt. Jagjit Singh, Shubha Mudgal, Euphoria, Javed Ali, Grammy Award Winner Pt. Vishwa Mohan Bhatt, Nobel Laureate Mr. Kailash Satyarthi, Ranbir Kapoor, Abhishek Bachchan are a few of such esteemed names.

## Student Clubs at JECRC

At JECRC we believe in the holistic grooming of our students and hence we stress equal emphasis on round the year extracurricular activities which are facilitated through the various active student clubs at JECRC. For students inclined towards social services we have clubs like Zarurat, SOCH, Aashayein and Suhasini that are doing commendable job in enriching lives of the underprivileged sections of the society. We have two dance clubs Enigma & Khaalas, dramatics club Face & Footlite, fine arts club, Atrangi, the official college magazine J-Mag, photography club Fotografreaks, robotics club Xananoids, mechatronics club Moonriders and many more such clubs providing opportunity to nurture talent of young minds.

## Model United Nations

Established in 2012, JECRC MUN has become the most widely acclaimed platform for the development of diplomatic and leadership skills in Rajasthan. Conducted annually, this legacy has been consistently improving and enhancing to provide the best debating environment to delegates from all across the country and spreading its wings over international boundaries. In the eighth edition of 2019, seven different committees were simulated that witnessed overwhelming participation. The collaboration from UNIC uplifted the worth of our fraternity. The delighted delegates and contented members were the testimony to the grandeur of the conference. We were graced by the esteemed presence of Dr Jawahar Suriseti, a renowned psychologist and TED Speaker, and Ms Hari Chandana Dasari, a young and dynamic civil servant. In earlier conferences, the stage of JECRC MUN has witnessed the glorious presence of personalities like Shri Mani Shankar Aiyar, a former Indian diplomat and Shri Anand Chulani, International Speaker. The success of this eighth edition of the conference marked JECRC MUN as the supreme leader of the circuits of the region. 6 committees namely GA-DISEC, UNSC, UN-HRC, Lok Sabha, and Emergency Prime Minister's Meet along with International Press were simulated.

## Start Ups at JECRC

At JECRC we encourage students to not just be job seekers but to become job creators. Since the establishment of DST sanctioned Entrepreneurship Development Cell various training sessions have been organized to provide students with the technical knowhow of setting up a business. Attributed to these efforts a number of students are now running their startups. In the

last one year 12 startups have come out of JECRC. Wheely Repairs & Vite Care Services are ventures in automobile servicing, bookclues.com & bookbugs.com provide low cost books to engineering students, FESTEE deals with branded merchandise and there are many more. JECRC Foundation has also declared a dedicated space of 4000 sq ft and a seed money of 20 million INR for the establishment of an Incubation Center for present and past students of JECRC who need help in establishing their own start up.

## Vande Mataram, Voice of Unity

Vande Mataram, Voice of Unity, organized in Jaipur on 6th October 2018, was an event of unmatched parallel in terms of its grandeur and outreach. An ensemble of more than 50 thousand people was brought together by Hindu Spiritual & Service Foundation to witness this historic occasion where more than 500 musician flew in from all across the nation to present a rendition of National Song, Vande Mataram on 18 kinds of musical instruments. Highlights of this year were renowned Bollywood singer Vaibhav Vashishth & Ismail Khan langa group. JECRC Foundation represented its solidarity with this movement by registering its presence as the largest contingent with more than 6000 of its students and faculty members present. This event was a perfect example of team coordination and hard work accentuated by an undercurrent of strong love for one's nation. There was an extensive media coverage of this event, both in electronic & print media.

## J-Techtrix

"Necessity is the mother of all inventions." taking inspiration from these words, the students of JECRC Foundation, Jaipur developed scientific and technological projects, finding their applications in various fields which proves the calibre of JECRCians not only in theoretical but also practical experiences of life. All this occurred during J-Techtrix 2019 organised on 5th April 2019, which is the fourth edition of J-Techtrix, conceived in 2016. Carrying forward the legacy, J-Techtrix 2019 was inaugurated by Arpit Agarwal, Director, JECRC Foundation, Dr. V. K. Chandna, Principal JECRC, Dr. Ruchi Mathur, Dean First year & the esteemed dignitaries of the Foundation. With the huge participation of approximate 325 students and 150 projects, the campus witnessed many great ideas that can change the future of technology. Various models, both static and dynamic was presented from different branches of Computer Science and Electronics, Information Technology, Electronics & communication, Civil Engineering, Electrical and Mechanical Engineering. The participants presented and explained the projects on efficient power usage, administrative websites for government use, engineering models for bridges, robotics etc.

## JECRC-RTBI (Rural Technology Business Incubator)

JECRC's Rural Technology Business Incubator (RTBI) is under a registered not-for-profit society (Society for Transforming Engineering Education). Established as a formal business incubator with the inception support of the Department of Science and Technology (DST), Rajasthan, the aim of RTBI is to support rural and social inclusive start-ups, primarily those that enable scalable products and services for the under-served and bottom-of-the-pyramid segment.

Its mission is to transform job seekers into job providers through engineering education. It shall provide basic business amenities and support required by the new startups to survive and thrive in their initial growth phase.

Incubates are selected on the basis of feasibility and innovativeness of business idea. Engineering undergraduates, graduates, faculty members and even functional startups are eligible for availing incubation and business support services from the RTBI.



# Learning beyond Curriculum @ JECRC

The fast paced growth being witnessed in the Indian economy and the rapidly changing face of Corporate India has necessitated deep and abiding changes in the nature and method of education. The Learning Beyond Curriculum is a strategic initiative undertaken by JECRC to integrate various facets of industry experiences into the curriculum. As a part of this initiative, experts of various technologies, currently relevant to industries are invited to inculcate their skills within our students. This not only helps students to take their learning out from the classroom but also increases their employability quotient by mentoring them to have an application and performance driven mindset, critical for building a successful corporate career today.

## Salesforce Training Module

Salesforce Training module was conducted at JECRC from 17th January to 23rd March 2018. This module that ran for more than two months trained students on 5 modules viz. Introduction, Customer Relationship Management, Administration and Development & Lightning. A large number of students were trained in this duration. The module has been beneficial in improving the technical knowledge of our students in the fields of informational organization, CRM for enhanced communication, automation of everyday tasks, improved analytical data and reporting. On completion of this training the students were handed out salesforce badges and salesforce super badges.

## Embedded & Robotics Design Training

Embedded & Robotics Design Training was conducted at JECRC in collaboration with Sakrobotix Research & Startup Centre from 19th January to 22nd January 2018. A large number of students from departments of Electronics & Communication Engineering & Electrical Engineering participated in the training. On successful completion the students received certification from Sakrobotix and IIT Bhubneshwar. The students were trained on external hardware interfacing and 8051 microcontrollers functioning and architecture. Level 2 training will start in next phase next year with updated and higher technologies syllabus like (Raspberry Pi, Arduino, ARM processor and IOT etc.).

## Forsk Technologies

JECRC has signed MoU with FORSK Technology. The objective of this MoU is to bring industry approach of solution development and product engineering to engineering candidates through project based learning through project based learning backed by data and technology. Project-based learning is a dynamic classroom approach in which students actively explore real-world problems and challenges and acquire a deeper knowledge. FORSK will offer project based learning in IoT (Internet of Things) and Machine Learning (Data Science) to JECRC students.

## TechieNest

During this training students would be trained in Embedded Systems & Robotics and they would be also aware about IoT technology. The detailed contents will be covered during a two month program. After completion of this training, students would be prepared to design Voice Control Robot, SPY Robot Gesture Control Wheel chair, GSM Based Notice Board, Multi-Layer Security System, SMART Home Automation System (Voice, Remote, Smart Phones, Internet etc) RFID based Attendance System using Local Database, Maze Robo, Grid Control Robo, Line Follower Robo, Password access. It will help them in grabbing various job opportunities in MNCs.

## CADD Software

JECRC in collaboration with CADD-CENTRE under National Skill Development Corporation (NSDC), Ministry of Skills set up by Govt. of India, offers affordable CAD (Auto Cad/Solid works/ANSYS) training for individuals. As CADD CENTRE is a reputable providers of CAD skills training, will teach students to develop genuine CAD skills which will be appreciated by employers. Students will know how to simulate and validate the performance of products of all manufacturing sectors including automotive and to simulate every structural aspect, including linear static analysis of a single part of a complex assembly with hundreds of components interacting through contacts or relative motions.

## Linux by Red Hat

JECRC has organized training on Linux by RedHat which itself is a renowned name in the field of IT-Sector. RedHat have started RHCSA free of cost training program in which various students of CSE, IT, ECE and EE have participated. RHCSA is an entry-level certification that focuses on actual competencies at system administration, including installation and configuration of a Red Hat Enterprise Linux system and attach it to a live network running network services.

After completion of training students will get prepared for RHCSA (Red Hat Certified System Administrator) Exam and after this exam they will be RHCSA certified which will help them in grabbing various job opportunities.



Sandeep Narula: Associate Manager, Accenture



Mr. Chirag Singhal, Manager, Metacube



# Abhyudaya Social Face of JECRC

At JECRC Foundation, we believe the growth of the nation is deeply imbibed in growth of all sections of the society. It is the youth of the nation which forms the most important pillar of any society. For the growth of the society, it is the moral duty of every student to gather wisdom and knowledge and pass it on to the less privileged members of society. These groups actively involve more than a 1000 students of JECRC and have revolutionized their perspective towards the most fundamental issue facing this country's society. These groups cater to the needs of the less fortunate sections of the society by providing them with free education, medical care, stationery and other resources. Over the last 8 years, these groups have touched the lives of more than 25000 persons in need, be it the kids of slum dwellers or senior citizens of old age homes or blood donation for patients or cleanliness & sanitation training for villagers. These kids are also aggressively spreading the importance of protecting the female child in our society. In this quest we are honored to have the leadership of Nobel Laureate Mr. Kailash Satyarthi with us. His continued guidance to our attempts, both in person and in thoughts, is a source of great inspiration.

## Suhasini

Emerging with life's mantra - "A vision and mission to make a better place for girls to live in", students of JECRC laid the foundation of SUHASINI on National Girl Child Day, 24th January 2015. Since its formation, the group is working actively and dedicatedly for the cause "BETI BACHAO, BETI PADHAO." To bring a change in the society for girls, Suhasini works in various domains concentrating on problem related to girls through surveys and field visits followed by regular monitoring. For this, the team visits selected localities and schools on a daily basis. Awareness sessions at schools and Gram Panchayats are regularly held. The team works for the skill development of the students in villages too and provides them a proper stage to showcase their talent. Suhasini also organizes 'Story behind Red', an awareness campaign for menstrual health and hygiene wherein girls are educated about the importance of maintaining hygiene during menstruation and kits are distributed for the same. Apart from this, the team also organizes celebration on International Women's day, National Girl Child day, International day of girls at college campus as well as in city area and has performed Nukkad Natak at various places like Shree Ram ki Nangal, Janpath, Gaurav Tower, Jal Mahal, City Palace and Amber Fort. The team is also very active on social media and organizes social media campaigns like Selfie with girl child, She My Strength, Dream I Can etc. In the journey so far, Suhasini has succeeded in connecting more than 12,000 people from villages and different areas of Jaipur city with the cause and has connected more than 180 girls with the education mainstream.

## Zarurat

Zarurat is a students' organization, working in the direction to provide elementary education free of cost to the underprivileged children

living in the nearby slum areas of JECRC, Jaipur. The motive of Zarurat is to not just to impart elementary education to slum children but also to introduce them to the modern world of learning in a way that every child should have. Zarurat focuses on imparting a healthy all round development of those children who are deprived of the same. Zarurat started with 60 students from the slum areas and has grown to more than 200 students. The team distributes clothes, stationery, food items and other essentials to the children at regular intervals to help them continue with their studies. Zarurat has been organizing an annual event "Zarurat- Celebrating Innocence" for children at different NGOs of Jaipur, since last 8 years. Around 300 children are a part of this gala event which gives them a day that is full of joy and happiness.

## Live Blood Donation Initiative-Aashayein

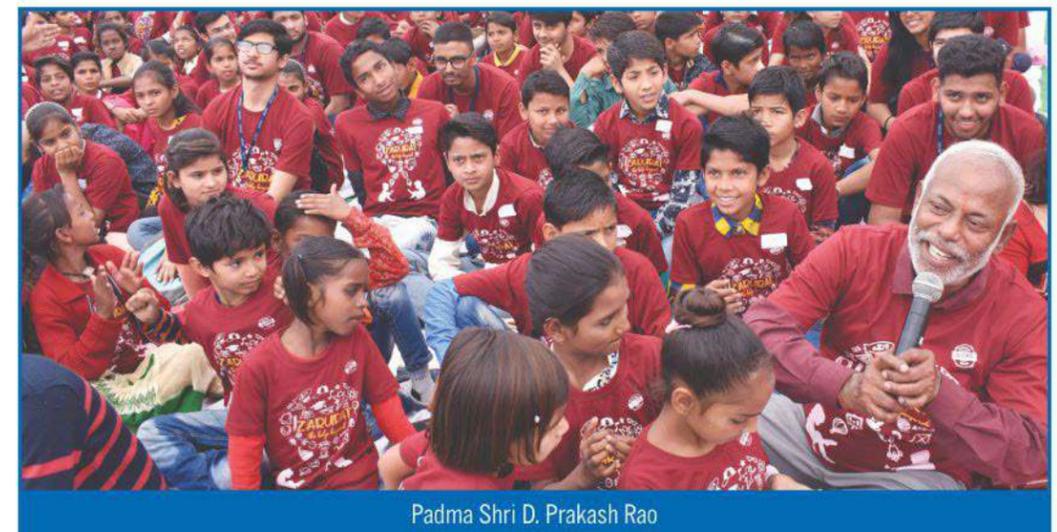
Aashayein is a student initiative of JECRC that works 24\*7 to meet the blood requirements of families in distress. These students are available round the clock for live blood and platelets transfusion and have saved lives of over a hundred patients suffering from dengue when the city was hit by this deadly disease. In emergency cases, these students rush to different hospitals across Jaipur city and donate blood to the needy. Aashayein also organizes annual blood donation camp. With the unsung support of the lifesaving donors, more than 1400 lives has been saved by live SDP transfusion and by collecting 14,292 units of blood in past 13 years under the walls of JECRC Foundation.

## SOCH

Soch is a social initiative that aims to work for the betterment of the society, we are living in. Its aim is to help the underprivileged sections of the society and to work at the grassroot level and serve the needy by providing them with the basic necessities of love and care. Apart from this, SOCH encourages students of the foundation to think out of the box and realise their social responsibility. To achieve its goals, SOCH conducts health checkup camps at regular intervals. The group also organises the Vastra Samman drive, where visits are made to old age homes and orphanages and blankets and other clothing items are distributed among the needy. SOCH is also actively involved in the cleanliness and tree plantation drives at JECRC.

## Paarijat

Paarijat, was born on 8th September, 2013 with a vision of creating a 'Global Civil Society'. Just like its name, Paarijat is a unique group with the aim to use technology for upliftment of marginalized groups of our society. It has an entirely novel concept of Soul Building and aims to erase the ignorance breeding in the minds of the masses and mould them into sensitive and compassionate humans. Paarijat nourishes the soul with excellent literary and art works of classic writers and artists. The students are not only motivated to develop taste for good music, literature and philosophy but they also organize meetings and discussions to provoke their thought process for the social change.



Padma Shri D. Prakash Rao

# Activities at JECRC

## Sports

Students of JECRC have participated in curricular, co-curricular and extracurricular competitions organised by other institutions and won several prizes. Sport competitions are organised under the supervision of qualified sport officers. A good number of girls have bagged first prizes (shields and trophies) at other institutes in face of very tough competitions. We have ample of facilities for indoor & outdoor sports. Special self-defense classes have been initiated for female students where they are taught the art of Karate by a black belt holder in Shotokan Karate.

## Joy of Giving

'Joy of Giving Week' is an observance of giving and spreading love. Drenched in the tides of joy, the Joy of Giving Week is celebrated fondly all across the country in the first week of

October. JECRC Foundation celebrated the 'Joy of Giving Week - 2018' from 3rd Oct to 9th Oct. The student members of 'Zarurat - The Help Beyond', a group working to educate children of underprivileged part of the society, took a step ahead to bring smiles on the faces of children by giving goodies to them. The festival was a joyride, experiencing a massive participation from students and faculty members alike.

## Clean & Green Campus Drive

In pursuance of the Hon'ble Prime Minister's directive, our college has been organising awareness programs for Swachh Bharat Abhiyan as well as Harit Abhiyan. The students and staff take part in periodic tree plantation, campus cleaning drives and also perform Nukkad Nataks that depict the vitality of cleanliness in our lives. Many dignitaries have visited our campus and appreciated our efforts for this cause.

# Extended Facilities & Accomplishments

## Aura Research Lab

JECRC has set up an aura research lab in association with the Department of Science & Technology under the project 'Validation and scientific basis of meditation & omics to cure various diseases and their role as therapeutic targets'. The objectives of this lab are to prove that meditation involves neurophysiological processes and has a long term impact on the brain and to validate meditation and omics as a scientific tool & to cure Sleeping Disorder/Diabetes/Blood Pressure through meditation. Two junior research fellows have been exclusively appointed to carry out this project. This lab has been established by studying the facilities at similar labs in Global Hospital & Research Centre, Mount Abu and MIT, Pune. "The lab conducts health and well being check up camps by inviting specialists from the field."

## Women Cell

A seven member women cell has been formed to look after the security and grievances of female staff and students as well as to work towards gender sensitisation under the guidance of Vice Chairman, JECRC. This cell has been established as per the guidelines and instructions of AICTE, Govt. of India and RTU. This cell organises informal talks, personal counselling, general interactions and lectures.

## Gyani- The Humanoid Robot

Gyani is a humanoid robot developed by the students of JECRC Foundation. This robot has been developed by the team Stargent which comprises of eight members- Keshav Jangid, Rakshit Porwal, Naman Sharma, Priyanshi Khandelwal, Aditya Surana, Rajat Arya, Jatin Sharma, Komal Sharma. These students under the guidance of Dr. Barkha Srivastava, their faculty mentor, worked tirelessly for the past six months to come up with a full scale robot that has been created using the most efficient software and hardware platforms. Gyani is based on Raspian OS and is capable of face recognition through its dual HD camera. It is Bluetooth controlled and has Omni directional wheels. Gyani is a repository of information and can prove very handy as a single point of contact that can disburse critical & reliable information to visitors at public places like railway station, hospitals, educational organizations and malls. Because of its multidimensional functionalities, Gyani was also featured by the News 18 channel. Gyani is a stepping stone and research is on to develop more sophisticated versions of it.



# Statutory Compliance

## Scholarships

As per circular No. F.1-27/2009 (SCT) dated February 2013, issued by the University Grants Commission (UGC), New Delhi, all eligible SC/ST, OBC, PwD, students should submit their scholarship form for the academic year by February for processing of scholarship to SC/ST, OBC, PwD students each year.

## On Campus Electronic Surveillance

CCTV Cameras have been installed at various strategic points in the campus which record all the activities in the campus on a 24\*7 basis. This has been done to ensure greater safety and protection of our students and staff and to also assist in the general administration of the institution.

## Anti-ragging

As per guidelines issued by the Hon'ble Supreme Court of India, an 'Anti-ragging Committee' has been formed at the college and this high-powered committee functions under the chairmanship of the Vice Chairman, JECRC. Any student found guilty of ragging is liable to face severe punishment, which may include being debarred from lectures and examinations, exclusion, rustication and fine. Any complaint of ragging will also be lodged

with the police. However, with collective efforts of the faculty, management directives and support of our students, no incident of ragging has been reported in recent years at the campus. The JECRC campus therefore is ragging-free.

## Smoking-free and Tobacco-free Campus

As per recent communication (copy of D.O. No. 1-9 / 2006 (CPP-II) dated April 3, 2013) received from the Ministry of HRD through the University Grants Commission and Rajasthan Technical University, Kota, the campuses of all educational institutions have to be SMOKE FREE and TOBACCO FREE. Accordingly, use of cigarettes and other tobacco products is totally prohibited on the campus.

## Grievances Redressal Committee

A special committee comprising of hostel wardens, senior faculty members and senior students residing in the hostel has been constituted with the Principal as the Chair to register and resolve day to day issues of students pertaining to amenities in the hostel and campus. This committee meets once every fortnight. The committee also carries out special surprise visits in hostels to ensure that all rules and regulations are duly followed.

# Alumni Outreach Alma Connect

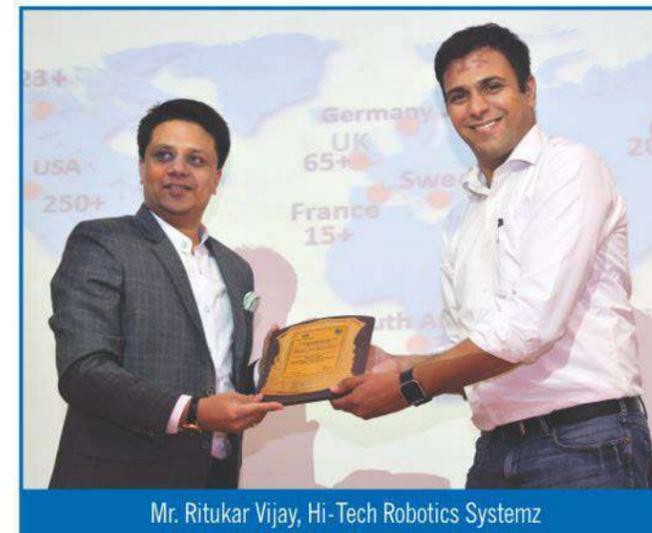


JECRC has a strong base of 10,000+ Alumni stationed at various locations across the globe doing pretty well in their respective fields. The JECRC alumni association cell has been established with the prime objective of strengthening the Alma bonds with a larger perspective to inculcate a culture where the alumni and the present students of the college can be made to interact with each other leading to an ecosystem of multidimensional growth and future prospects the institution values relationships and our association with student is a lifelong bond. The college organizes regular interactive sessions with the alumni and the present students on "entrepreneurship" and "grooming of the student" to prepare them for the corporate challenges that confront them. JECRC already has 150+ alumni start ups that have not only established themselves well but also assist in placements and internships for the present students. The vertical has organized

several events and activities like "Meet and greet sessions" where the students get to interact with the Alumni from various countries and fields and get their questions answered, The College also organized "Alumni Start-up Meet" and regularly organizes "Chapter meets". The college also recognizes the extra ordinary work done by its Alumni in various fields and confers upon them the very prestigious award "The Distinguished Alumni Award" During the annual fest of the college, Renaissance, the alumni are especially invited to re-connect in the college and renew their bonds. Alumni from across the world provide opportunities such as placements and internship in their startups and as well as in their companies they are working with. Many more initiatives are in the process, for the mutual growth development of alumni, students and the Alma-Mater at large.



Mr. Neeraj Gang, IAS



Mr. Ritukar Vijay, Hi-Tech Robotics Systemz



Mr. Nittesh Tudu, Sakrobotics



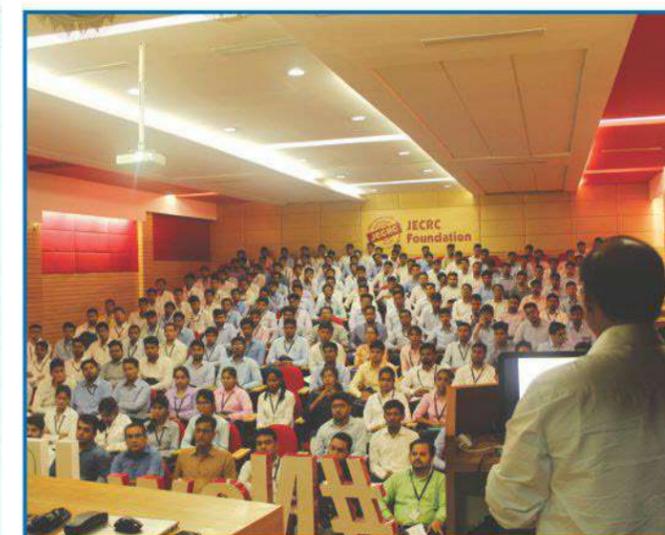
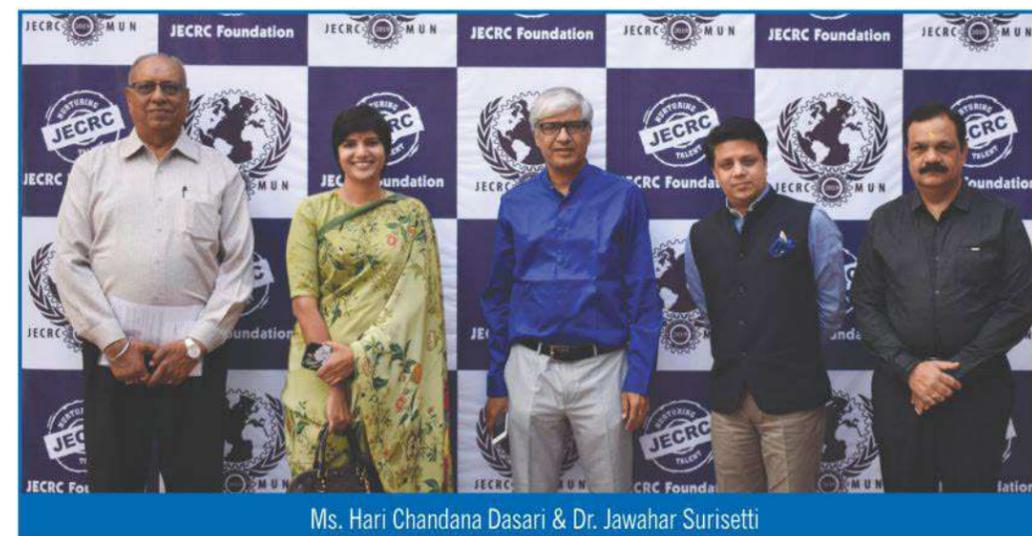
Mr. Vimal Daga, CTO, Linux World

# Fee Structure for the Session 2019-20

Class/Year for which the fees is to be deposited		Tuition Fee including Development Fee	
		Odd Semester	Even Semester
B. Tech. IV Year	Students who were admitted Session 2016-17	38500/-	38500/-
	Students who were admitted under Tuition Fee Waiver Scheme (TFWS) in Session 2016-17	11500/-	11500/-
	Students who were admitted (Through Lateral Entry) in Session 2017-18	38500/-	38500/-
B. Tech. III Year	Students who were admitted Session 2017-18	38500/-	38500/-
	Students who were admitted under Tuition Fee Waiver Scheme (TFWS) in Session 2017-18	11500/-	11500/-
	Students who were admitted (Through Lateral Entry) in Session 2018-19	38500/-	38500/-
	NBA Accreditation Fees (for ECE & ME only)	3000/-	
B. Tech. II Year	Students who were admitted Session 2018-19	38500/-	38500/-
	NBA Accreditation Fees (for ECE & ME only)	3000/-	
	Students who were admitted under Tuition Fee Waiver Scheme (TFWS) in Session 2018-19	11500/-	11500/-
B.Tech I Year & LEEP-II Year*	NBA Accreditation Fees (for ECE & ME only)	3000/-	
	Students who were admitted Session 2019-20	46000/-	38500/-
	Students who were admitted under Tuition Fee Waiver Scheme (TFWS) in Session 2019-20	19000/-	11500/-
	NBA Accreditation Fees (for ECE & ME only)	3000/-	
	Students who were admitted (Through Lateral Entry) in Session 2019-20 ( for IInd Year)	46000/-	38500/-
	NBA Accreditation Fees (for ECE & ME only)	3000/-	

\*The above-mentioned Fee is subject to review by the State Level Fee Determination Committee of the State Government constituted in pursuance of the Orders of the Hon'ble Supreme Court of India and the Fees as may be revised by the State Government shall be applicable to all the students.

- The first installment includes a onetime caution fee of 7500/- payable by all students at the time of admission in first year and for LEEP candidates admitted in Session 2019-20.
- Second installment of fee (for even semester) is payable in November 2019.
- If any fee is levied by the government agency, the same will be deducted from the first installment of all students admitted in the session 2019-20.



# Bus & Hostel Fee

The following figures are subject to revision:-

Hostel Fee		Bus Fee
1 <sup>st</sup> Installment	2 <sup>nd</sup> Installment*	
<b>55,000/-**</b> <b>(Double &amp; Triple Seated)</b> (If he/she avails this facility)	<b>25000/-</b> <b>(Double &amp; Triple Seated)</b> (If he/she avails this facility)	<b>22,000/-</b> (If he/she avails this facility)

\* Second Installment to be deposited in November 2019.

\*\* The first installment includes a onetime caution fee of 5000/-

A Parent/Student can deposit the fees by any of the modes below:

- NEFT in JECRC's Bank account as per details below  
Account details for depositing College and/or Bus fee:  
Account Name: Jaipur Engineering College and Research Centre  
Account Number: 00540330002223  
Bank's Name & Branch: HDFC Bank Limited, Ashok Marg, C-Scheme, Jaipur – 302001  
IFSC: HDFC0000054  
  
Account details for depositing Hostel Fee is:  
Account Name: HOSTEL JECRC  
Account Number: 00540330002233  
Bank's Name & Branch: HDFC Bank Limited, Ashok Marg, C-Scheme, Jaipur – 302001  
IFSC: HDFC0000054  
After paying Fees through NEFT the payer should submit the UTR No. along with the student's detail for whom fees has been paid to the accounts department of the college for generation of receipt.
- Through online payment gateway on JECRC website [www.jecrcfoundation.com](http://www.jecrcfoundation.com)
- Demand Draft in favor of "Jaipur Engineering College and Research Centre" for college fees and/or bus fees in favor of "Hostel JECRC" for Hostel Fees.

Note: Since the fees is interim till the notification of the state government. Please contact college for final fees amount. Fees shall be deposited by any of the above stated means only.

The fee counter at the college campus will remain open from 9:00 AM to 4:00 PM on all working days. DD's & Pay Orders can also be sent through Registered Post at the following address:

Registrar,  
Jaipur Engineering College & Research Centre,  
JECRC Campus, Shri Ram kiNangal, Via Sitapura RIIICO, Opp. EPIP Gate,  
Tonk road, Jaipur – 302022.  
Ph: - +91-141-2770120, 2770232, Fax: - +91-141-2770803 | email: - registrar@jecrc.ac.in

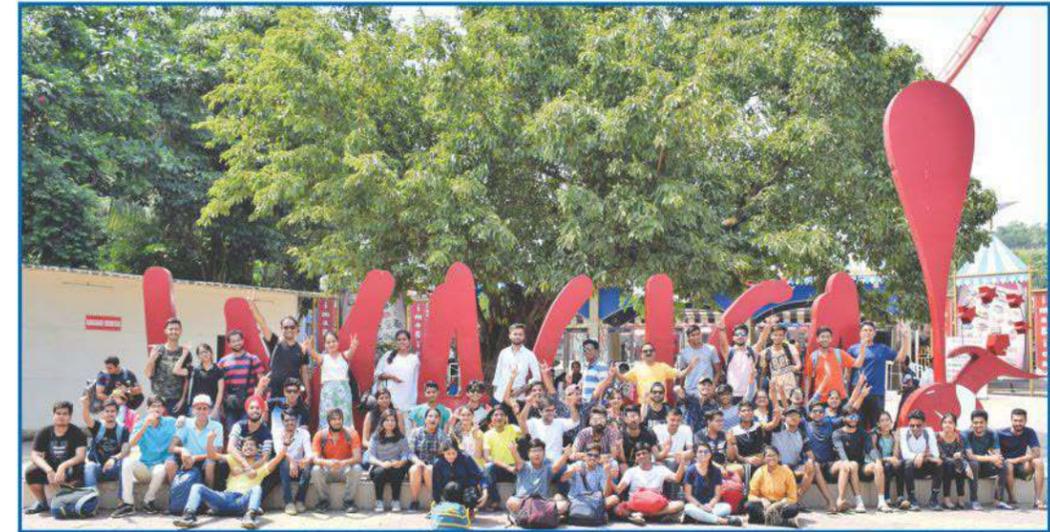


# Seat Structure

The number of seats available for admissions during the session 2019-20 in the First Year and Second Year Programs:  
(College Code: 020)

	S. No.	Branch	Number of Seats	Remarks
First Year B.Tech. Admissions I Shift	1	Civil Engineering	120	In addition to the given seats, admissions are also made in TFWS and KM categories
	2	Computer Science & Engineering	180	
	3	Electrical Engineering	120	
	4	Electronics & Communication Engineering	240	
	5	Information Technology	90	
	6	Mechanical Engineering	120	
First Year B.Tech. Admissions II Shift (Evening Batch)	7	Computer Science & Engineering	60	
	8	Mechanical Engineering	60	
Total			990	

	S. No.	Branch	Number of Seats	Remarks
Second Year B.Tech. Admissions under LEEP	1	Civil Engineering	12	Eligibility for admissions under LEEP is as directed by the Government of Rajasthan
	2	Computer Science & Engineering	24	
	3	Electrical Engineering	12	
	4	Electronics & Communication Engineering	24	
	5	Information Technology	09	
	6	Mechanical Engineering	18	
Total			99	



Dr. Abhay Jere, CIO, MHRD



Mr. Ripudaman Morgan, Director, NSCPL

